

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051325\
 Data File : VY022233.D
 Acq On : 13 May 2025 10:37
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

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

Quant Time: May 14 04:32:22 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 23 02:30:30 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	241294	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	361603	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	329391	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	180061	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	112102	50.297	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.600%			
35) Dibromofluoromethane	7.634	113	125007	52.327	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.660%			
50) Toluene-d8	10.103	98	468236	51.990	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 103.980%			
62) 4-Bromofluorobenzene	12.408	95	161134	53.146	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 106.300%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.861	85	94971	46.191	ug/l	97
3) Chloromethane	2.068	50	147740	50.464	ug/l	97
4) Vinyl Chloride	2.202	62	183201	50.923	ug/l	99
5) Bromomethane	2.592	94	142501	45.975	ug/l	98
6) Chloroethane	2.732	64	123908	50.572	ug/l	98
7) Trichlorofluoromethane	3.056	101	234245	49.377	ug/l	97
8) Diethyl Ether	3.458	74	62388	50.527	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.811	101	130259	50.616	ug/l	100
10) Methyl Iodide	4.000	142	151684	50.908	ug/l	99
11) Tert butyl alcohol	4.878	59	33742	275.763	ug/l #	87
12) 1,1-Dichloroethene	3.787	96	119543	49.836	ug/l	96
13) Acrolein	3.647	56	12309	56.049	ug/l	92
14) Allyl chloride	4.378	41	146922	52.603	ug/l	98
15) Acrylonitrile	5.055	53	121431	268.633	ug/l	100
16) Acetone	3.872	43	95845	335.876	ug/l	95
17) Carbon Disulfide	4.104	76	351937	46.015	ug/l	99
18) Methyl Acetate	4.385	43	61308	58.887	ug/l	100
19) Methyl tert-butyl Ether	5.110	73	290041	54.023	ug/l	100
20) Methylene Chloride	4.610	84	134064	47.570	ug/l	95
21) trans-1,2-Dichloroethene	5.110	96	134308	49.995	ug/l	96
22) Diisopropyl ether	6.012	45	346892	55.810	ug/l	96
23) Vinyl Acetate	5.957	43	929508	277.481	ug/l	100
24) 1,1-Dichloroethane	5.909	63	226616	52.599	ug/l	100
25) 2-Butanone	6.896	43	143551	282.557	ug/l	98
26) 2,2-Dichloropropane	6.884	77	206741	54.749	ug/l	98
27) cis-1,2-Dichloroethene	6.890	96	155059	51.621	ug/l	96
28) Bromochloromethane	7.244	49	88131	52.664	ug/l	99
29) Tetrahydrofuran	7.262	42	92431	280.124	ug/l	99
30) Chloroform	7.421	83	249765	52.263	ug/l	100
31) Cyclohexane	7.701	56	185044	50.224	ug/l	99
32) 1,1,1-Trichloroethane	7.616	97	228497	52.848	ug/l	99
36) 1,1-Dichloropropene	7.835	75	175273	54.620	ug/l	99
37) Ethyl Acetate	6.982	43	64777	56.205	ug/l	98
38) Carbon Tetrachloride	7.811	117	210087	54.788	ug/l	98
39) Methylcyclohexane	9.109	83	219980	54.473	ug/l	94
40) Benzene	8.079	78	540184	53.851	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.213	41	38890	61.728	ug/l	97
42) 1,2-Dichloroethane	8.158	62	137188	55.238	ug/l	99
43) Isopropyl Acetate	8.195	43	127574	57.640	ug/l	99
44) Trichloroethene	8.865	130	146473	52.717	ug/l	100
45) 1,2-Dichloropropane	9.140	63	123607	55.720	ug/l	99
46) Dibromomethane	9.231	93	75033	54.033	ug/l	99
47) Bromodichloromethane	9.420	83	192286	55.428	ug/l	97
48) Methyl methacrylate	9.219	41	60848	59.470	ug/l	97
49) 1,4-Dioxane	9.231	88	16552	1118.312	ug/l	94
51) 4-Methyl-2-Pentanone	9.999	43	349848	301.531	ug/l	99
52) Toluene	10.170	92	361093	55.610	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	167960	56.446	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	197158	55.739	ug/l	98
55) 1,1,2-Trichloroethane	10.566	97	104195	56.172	ug/l	97
56) Ethyl methacrylate	10.438	69	125204	59.024	ug/l	97
57) 1,3-Dichloropropane	10.713	76	165324	55.595	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	307603	296.589	ug/l	100
59) 2-Hexanone	10.761	43	237791	310.726	ug/l	98
60) Dibromochloromethane	10.908	129	142218	55.378	ug/l	98
61) 1,2-Dibromoethane	11.011	107	95776	54.693	ug/l	98
64) Tetrachloroethene	10.646	164	157571	50.709	ug/l	99
65) Chlorobenzene	11.438	112	399607	54.250	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.517	131	144775	55.828	ug/l	99
67) Ethyl Benzene	11.517	91	680370	56.464	ug/l	100
68) m/p-Xylenes	11.627	106	553353	115.406	ug/l	99
69) o-Xylene	11.956	106	255820	57.887	ug/l	99
70) Styrene	11.969	104	434539	58.562	ug/l	99
71) Bromoform	12.133	173	84458	56.018	ug/l #	99
73) Isopropylbenzene	12.255	105	676548	56.239	ug/l	100
74) N-amyl acetate	12.072	43	117128	56.669	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	114349	56.379	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	80919m	52.466	ug/l	
77) Bromobenzene	12.529	156	163602	53.820	ug/l	98
78) n-propylbenzene	12.596	91	807482	56.364	ug/l	100
79) 2-Chlorotoluene	12.676	91	463875	55.676	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	558529	56.348	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	35359	55.209	ug/l	96
82) 4-Chlorotoluene	12.779	91	482260	55.682	ug/l	100
83) tert-Butylbenzene	12.999	119	510113	57.383	ug/l	98
84) 1,2,4-Trimethylbenzene	13.042	105	567776	57.268	ug/l	98
85) sec-Butylbenzene	13.176	105	746951	57.421	ug/l	100
86) p-Isopropyltoluene	13.291	119	631593	57.179	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	332707	53.889	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	329686	53.917	ug/l	99
89) n-Butylbenzene	13.615	91	564469	57.172	ug/l	99
90) Hexachloroethane	13.877	117	130358	53.714	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	296202	55.006	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	17549	54.385	ug/l	93
93) 1,2,4-Trichlorobenzene	14.919	180	167723	54.965	ug/l	99
94) Hexachlorobutadiene	15.023	225	102686	54.694	ug/l	99
95) Naphthalene	15.145	128	285374	56.298	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	145849	55.371	ug/l	98

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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

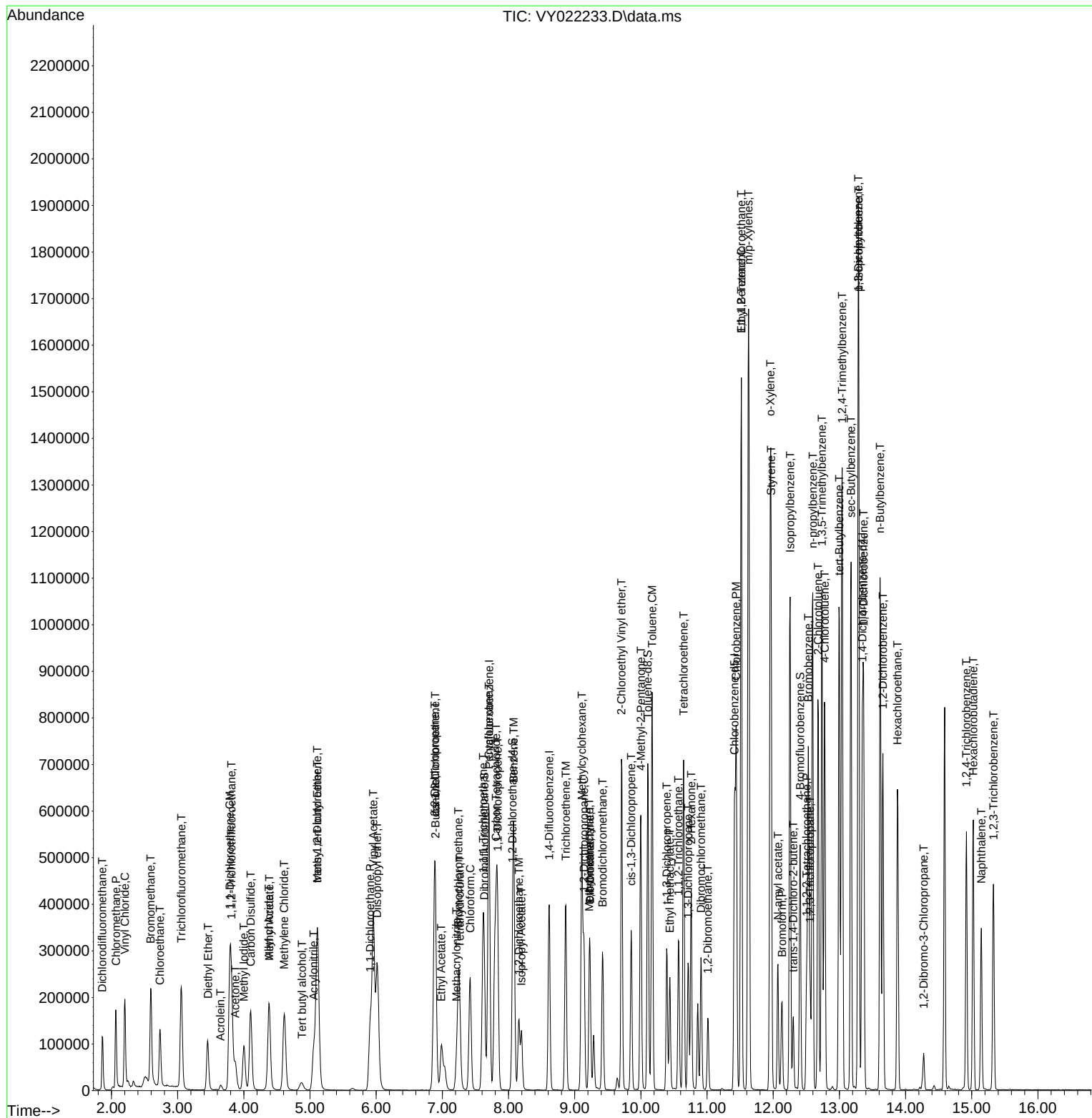
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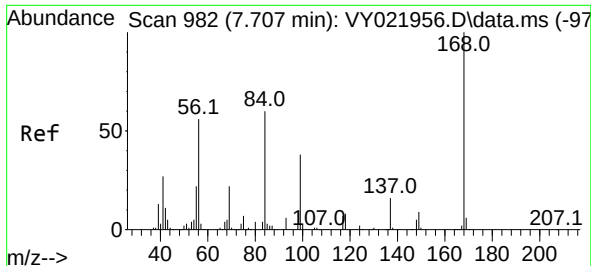
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Manual Integrations APPROVED

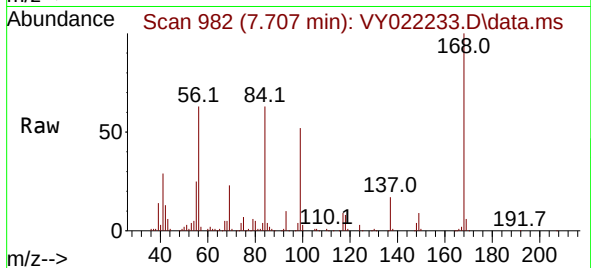
Reviewed By : Mahesh Dadoda 05/14/2025
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY022233.D
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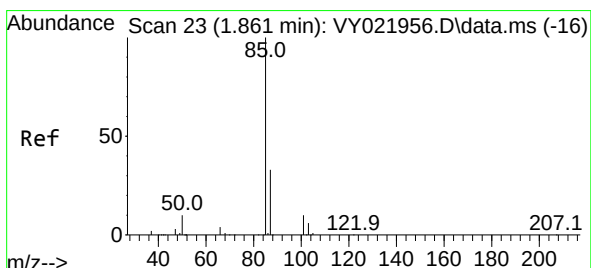
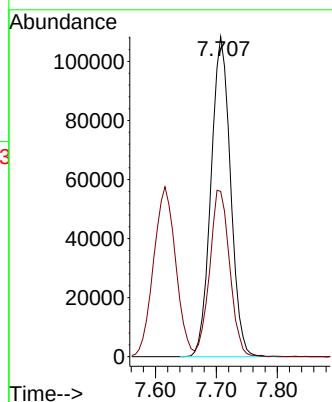
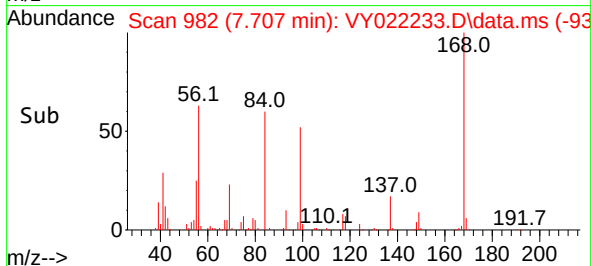
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 241294
Ion Ratio Lower Upper
168 100
99 51.6 43.1 64.7

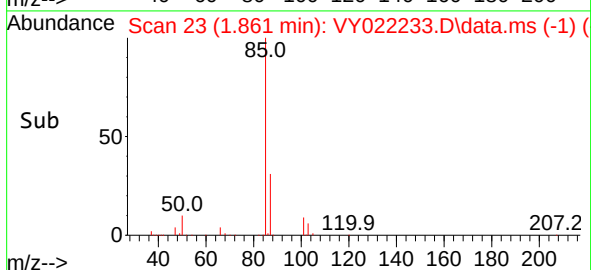
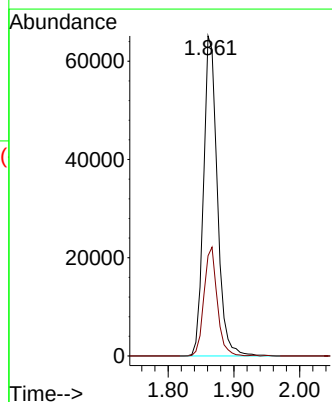
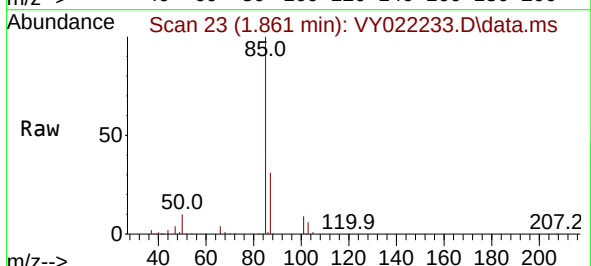
Manual Integrations
APPROVED

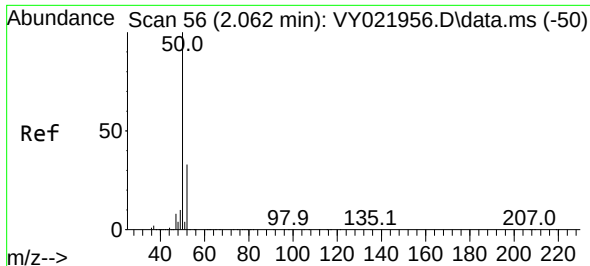
Reviewed By :Mahesh Dadoda 05/14/2025
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#2
Dichlorodifluoromethane
Concen: 46.191 ug/l
RT: 1.861 min Scan# 23
Delta R.T. -0.000 min
Lab File: VY022233.D
Acq: 13 May 2025 10:37

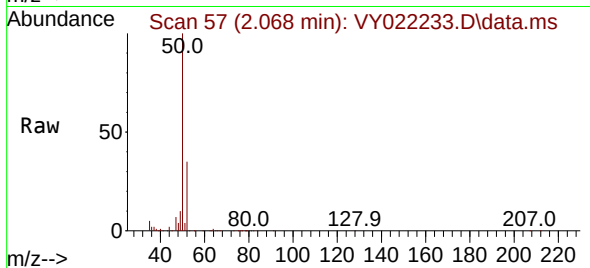
Tgt Ion: 85 Resp: 94971
Ion Ratio Lower Upper
85 100
87 31.3 16.6 49.7





#3
Chloromethane
Concen: 50.464 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY022233.D
Acq: 13 May 2025 10:37

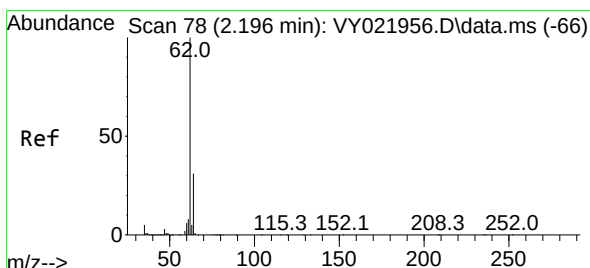
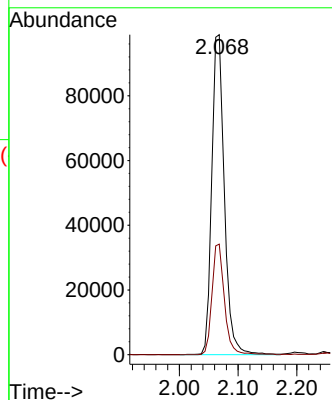
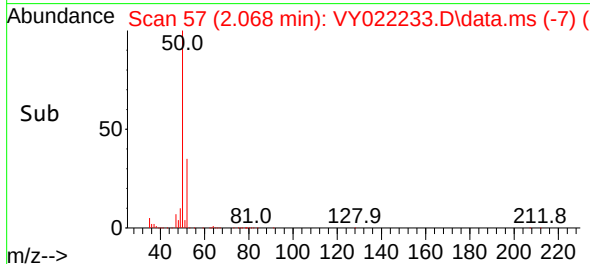
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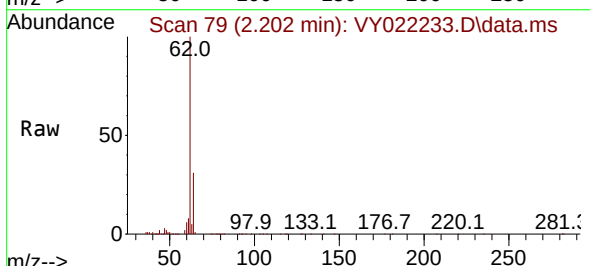
Tgt Ion: 50 Resp: 147740
Ion Ratio Lower Upper
50 100
52 34.5 26.1 39.1

Manual Integrations
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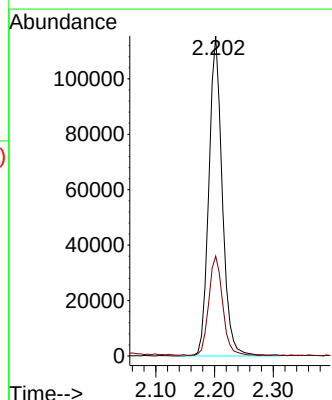
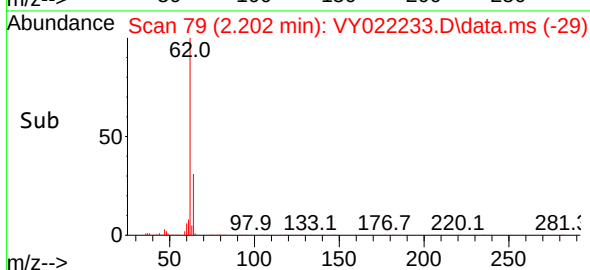
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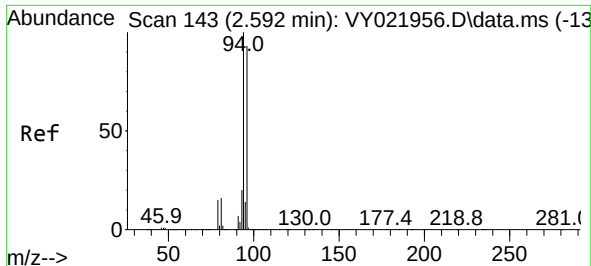


#4
Vinyl Chloride
Concen: 50.923 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.006 min
Lab File: VY022233.D
Acq: 13 May 2025 10:37



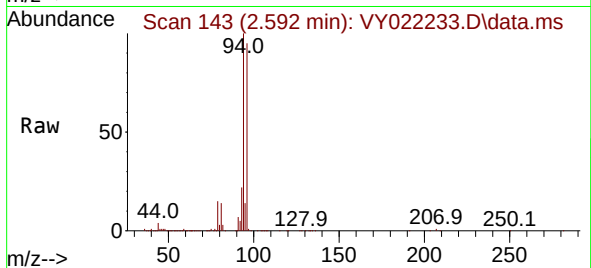
Tgt Ion: 62 Resp: 183201
Ion Ratio Lower Upper
62 100
64 31.0 25.1 37.7





#5
Bromomethane
Concen: 45.975 ug/l
RT: 2.592 min Scan# 143
Delta R.T. -0.000 min
Lab File: VY022233.D
Acq: 13 May 2025 10:37

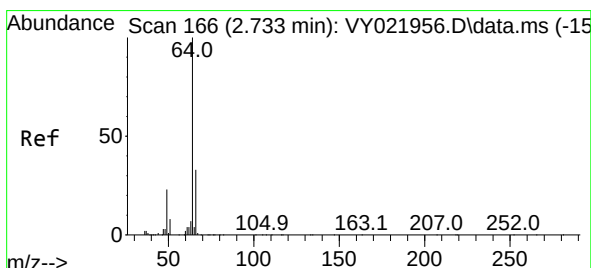
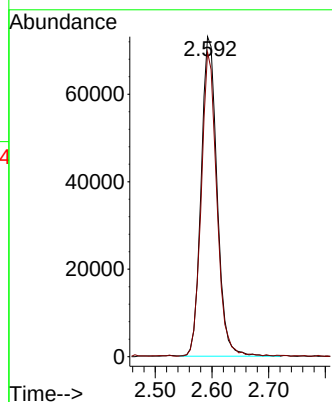
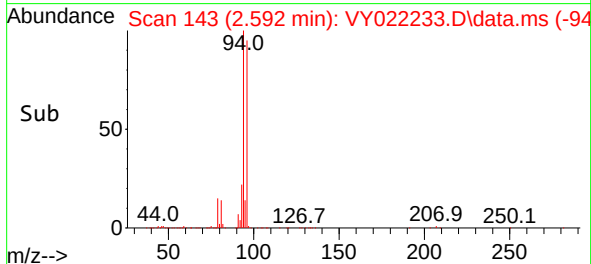
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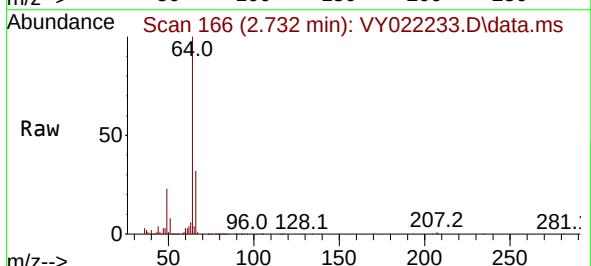
Tgt Ion: 94 Resp: 14250
Ion Ratio Lower Upper
94 100
96 95.0 74.6 111.8

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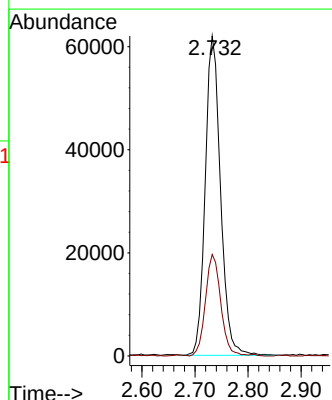
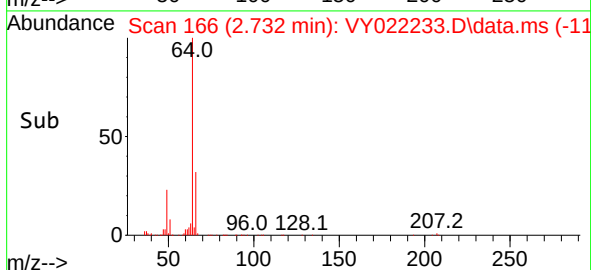
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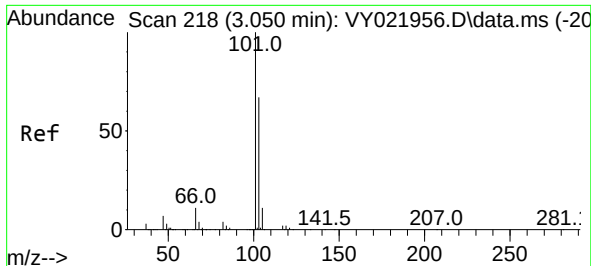


#6
Chloroethane
Concen: 50.572 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.000 min
Lab File: VY022233.D
Acq: 13 May 2025 10:37



Tgt Ion: 64 Resp: 123908
Ion Ratio Lower Upper
64 100
66 31.5 26.2 39.4





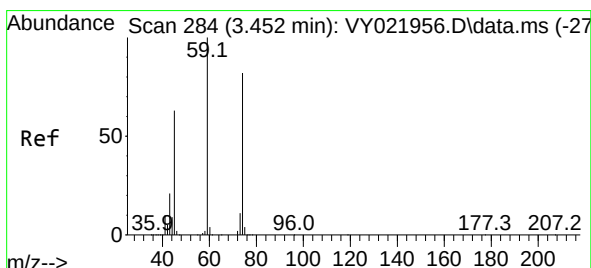
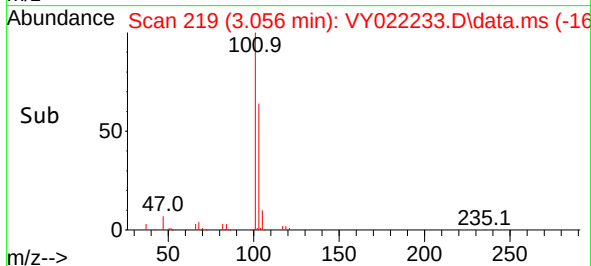
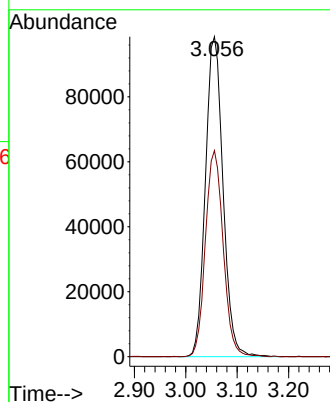
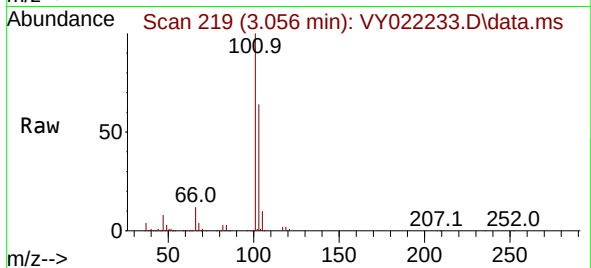
#7
Trichlorofluoromethane
Concen: 49.377 ug/l
RT: 3.056 min Scan# 218
Delta R.T. 0.006 min
Lab File: VY022233.D
Acq: 13 May 2025 10:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 23424
Ion Ratio Lower Upper
101 100
103 64.4 53.6 80.4

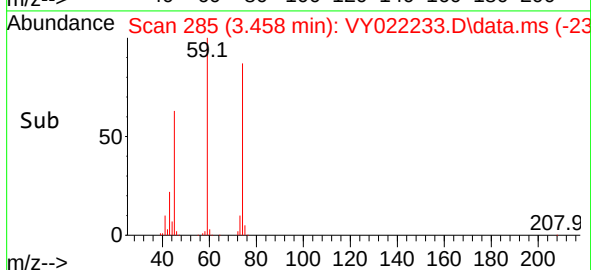
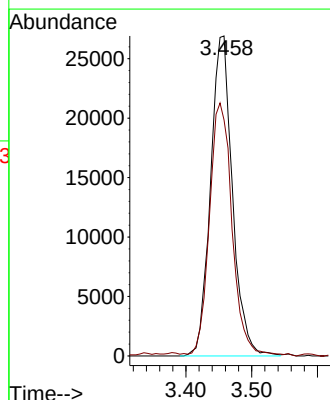
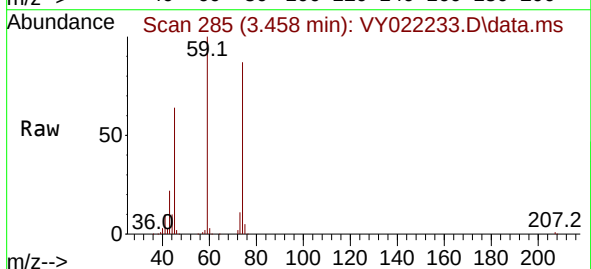
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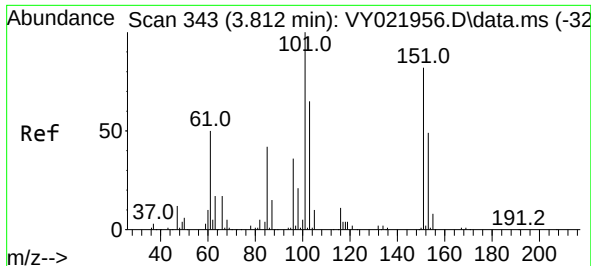
Reviewed By :Mahesh Dadoda 05/14/2025
Supervised By :Semsettin Yesilyurt 05/15/2025



#8
Diethyl Ether
Concen: 50.527 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.006 min
Lab File: VY022233.D
Acq: 13 May 2025 10:37

Tgt Ion: 74 Resp: 62388
Ion Ratio Lower Upper
74 100
45 82.1 39.1 117.5





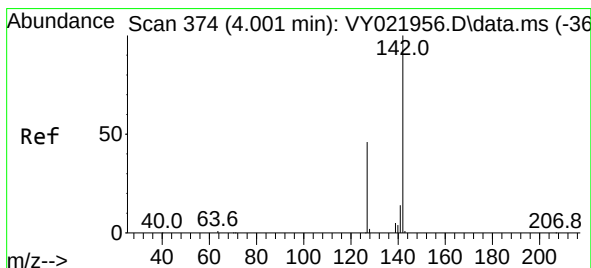
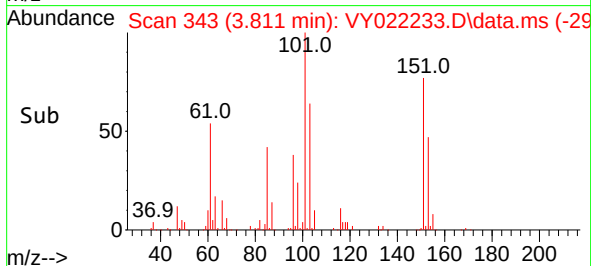
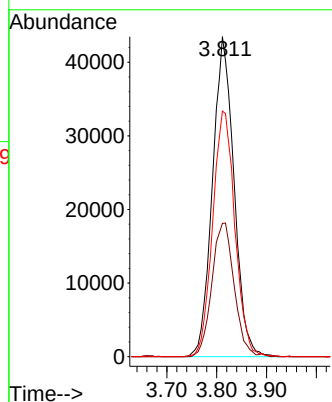
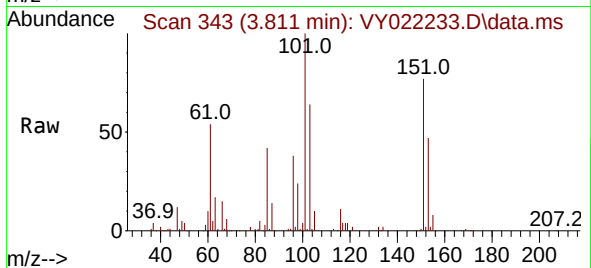
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.616 ug/l
RT: 3.811 min Scan# 343
Delta R.T. -0.000 min
Lab File: VY022233.D
Acq: 13 May 2025 10:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 130259
Ion Ratio Lower Upper
101 100
85 43.1 34.6 51.8
151 79.3 63.7 95.5

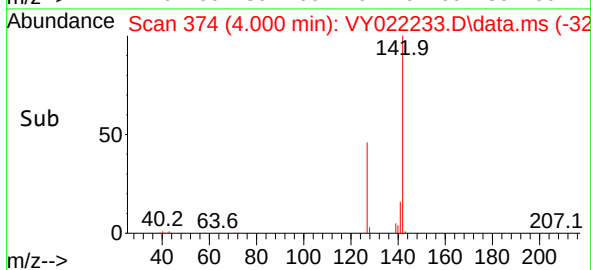
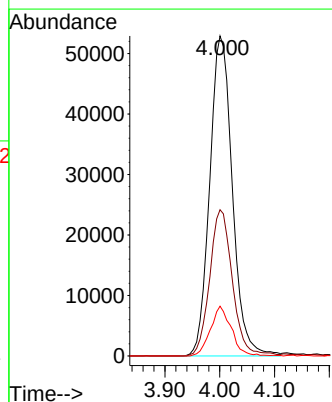
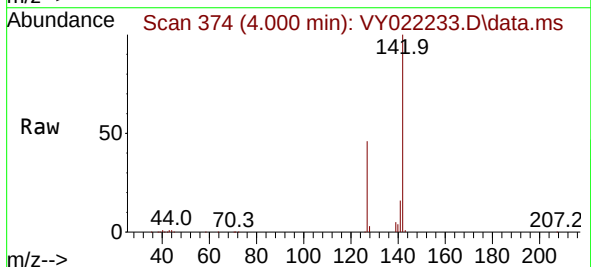
Manual Integrations
APPROVED

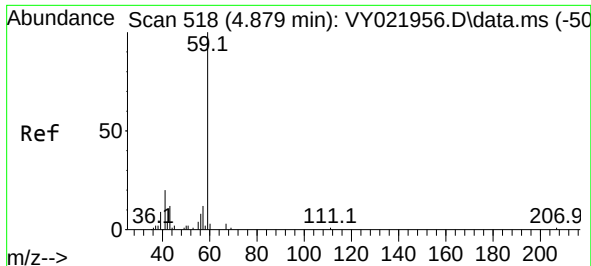
Reviewed By :Mahesh Dadoda 05/14/2025
Supervised By :Semsettin Yesilyurt 05/15/2025



#10
Methyl Iodide
Concen: 50.908 ug/l
RT: 4.000 min Scan# 374
Delta R.T. -0.000 min
Lab File: VY022233.D
Acq: 13 May 2025 10:37

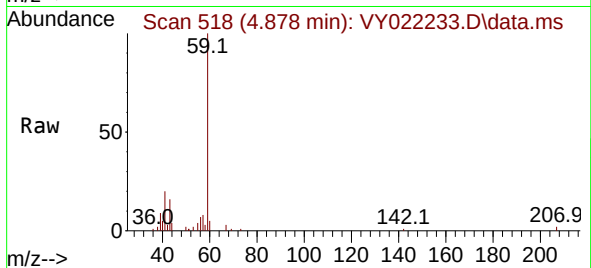
Tgt Ion:142 Resp: 151684
Ion Ratio Lower Upper
142 100
127 45.8 36.2 54.2
141 14.4 11.7 17.5





#11
Tert butyl alcohol
Concen: 275.763 ug/l
RT: 4.878 min Scan# 518
Delta R.T. -0.000 min
Lab File: VY022233.D
Acq: 13 May 2025 10:37

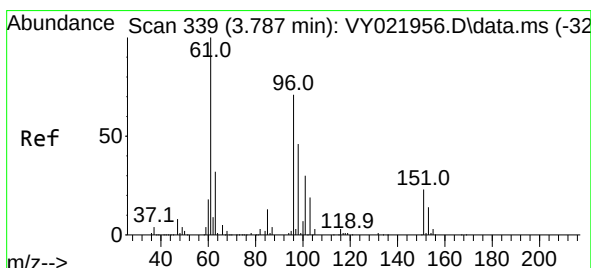
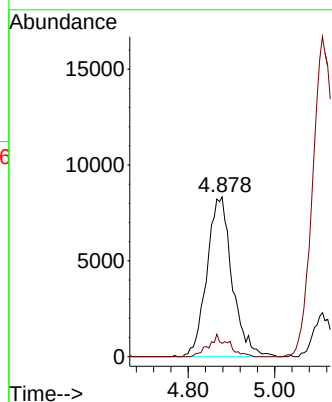
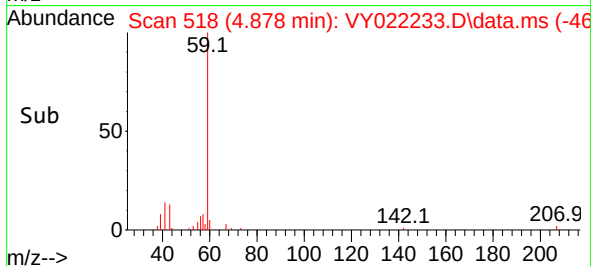
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



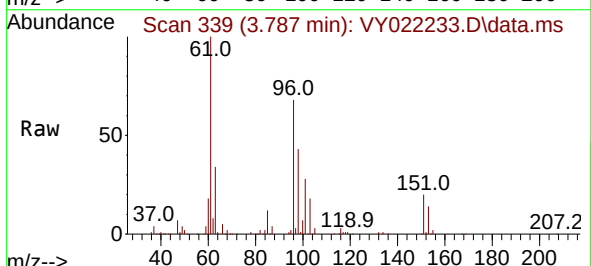
Tgt Ion: 59 Resp: 3374
Ion Ratio Lower Upper
59 100
57 6.8 9.3 13.9

Manual Integrations
APPROVED

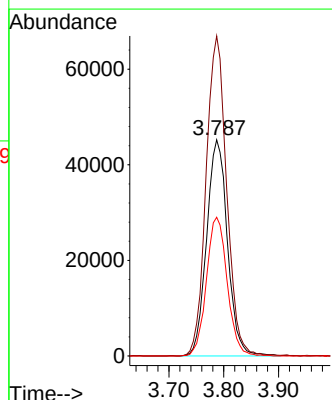
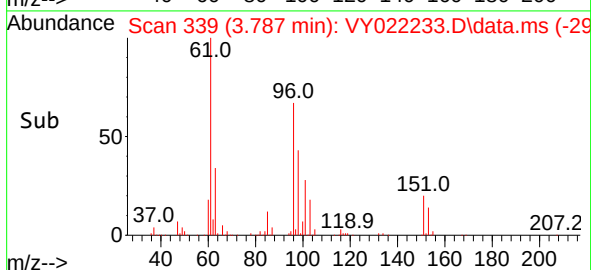
Reviewed By :Mahesh Dadoda 05/14/2025
Supervised By :Semsettin Yesilyurt 05/15/2025

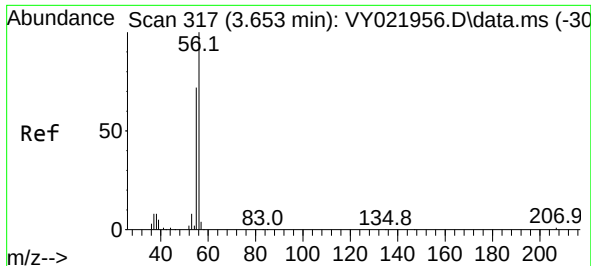


#12
1,1-Dichloroethene
Concen: 49.836 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.000 min
Lab File: VY022233.D
Acq: 13 May 2025 10:37



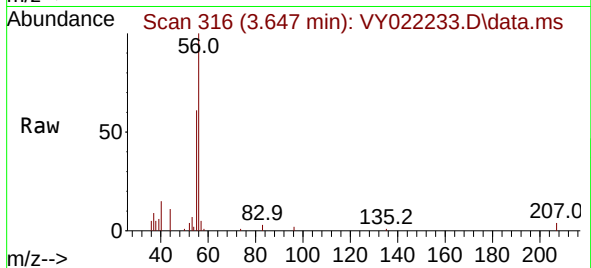
Tgt Ion: 96 Resp: 119543
Ion Ratio Lower Upper
96 100
61 148.0 113.0 169.4
98 64.2 51.4 77.2





#13
Acrolein
Concen: 56.049 ug/l
RT: 3.647 min Scan# 317
Delta R.T. -0.006 min
Lab File: VY022233.D
Acq: 13 May 2025 10:37

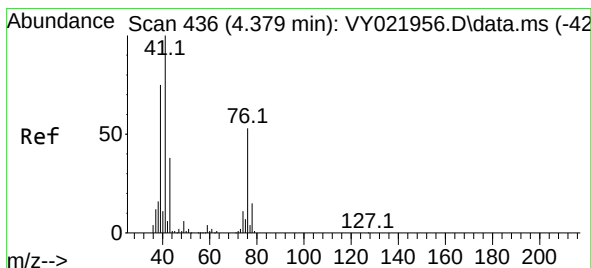
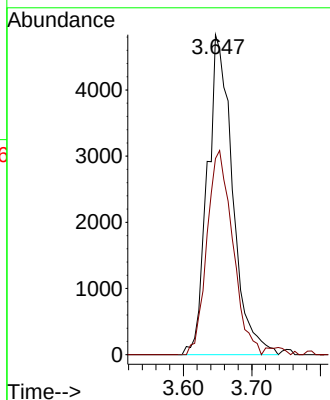
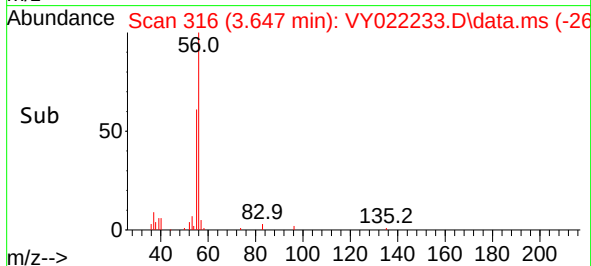
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 12309
Ion Ratio Lower Upper
56 100
55 65.5 57.4 86.0

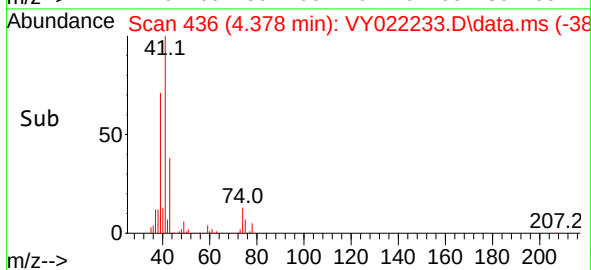
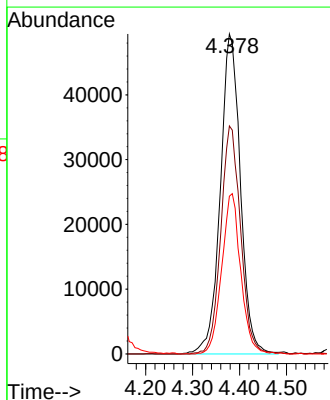
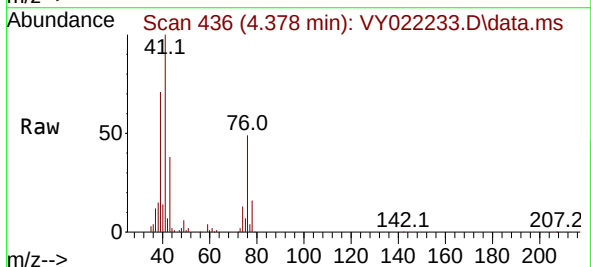
Manual Integrations
APPROVED

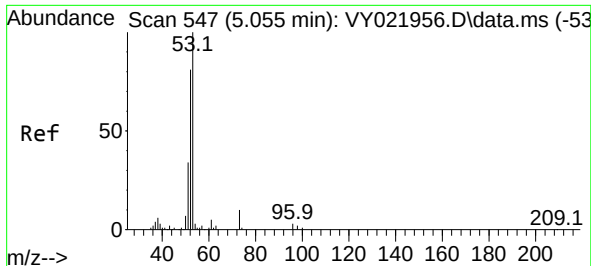
Reviewed By :Mahesh Dadoda 05/14/2025
Supervised By :Semsettin Yesilyurt 05/15/2025



#14
Allyl chloride
Concen: 52.603 ug/l
RT: 4.378 min Scan# 436
Delta R.T. -0.000 min
Lab File: VY022233.D
Acq: 13 May 2025 10:37

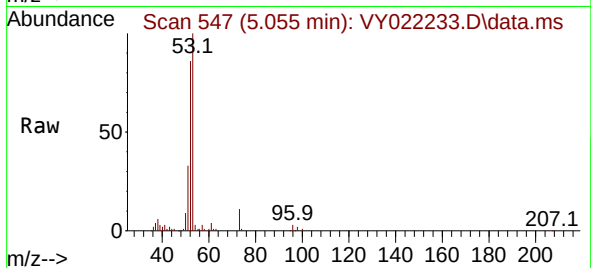
Tgt Ion: 41 Resp: 146922
Ion Ratio Lower Upper
41 100
39 70.3 57.2 85.8
76 47.5 39.7 59.5





#15
Acrylonitrile
Concen: 268.633 ug/l
RT: 5.055 min Scan# 547
Delta R.T. -0.000 min
Lab File: VY022233.D
Acq: 13 May 2025 10:37

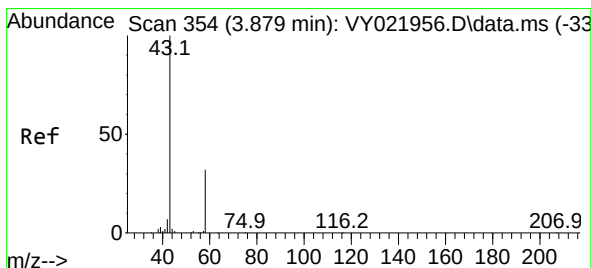
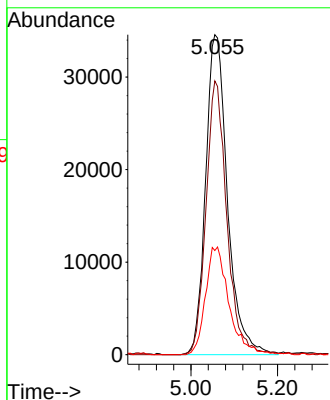
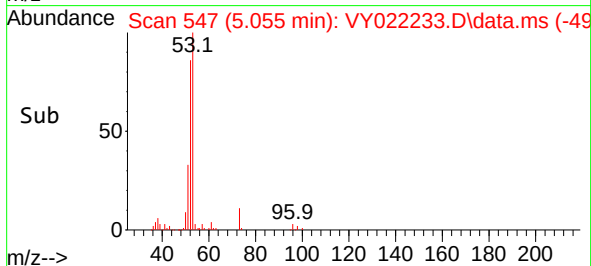
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



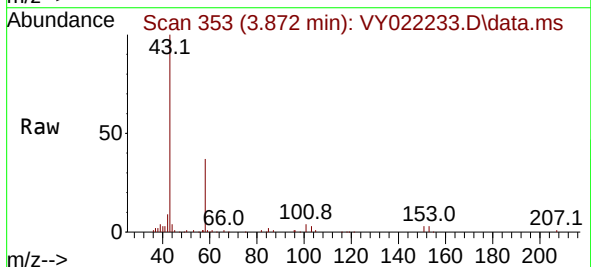
Tgt Ion: 53 Resp: 12143
Ion Ratio Lower Upper
53 100
52 81.5 65.0 97.6
51 36.1 28.9 43.3

Manual Integrations
APPROVED

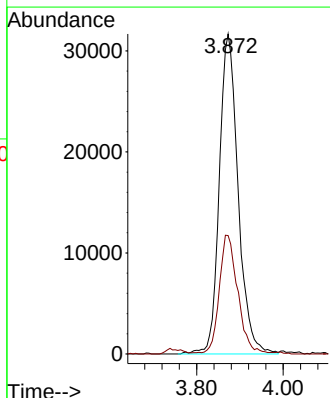
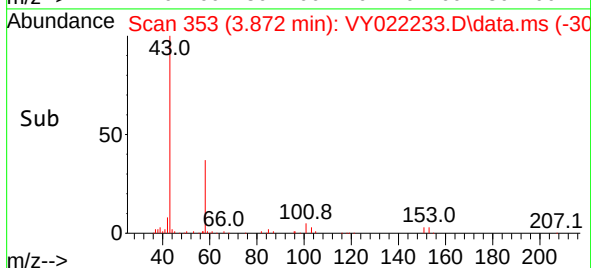
Reviewed By :Mahesh Dadoda 05/14/2025
Supervised By :Semsettin Yesilyurt 05/15/2025

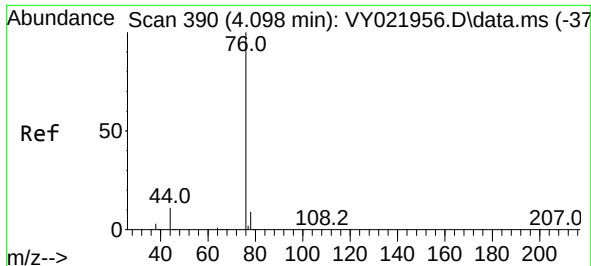


#16
Acetone
Concen: 335.876 ug/l
RT: 3.872 min Scan# 353
Delta R.T. -0.007 min
Lab File: VY022233.D
Acq: 13 May 2025 10:37



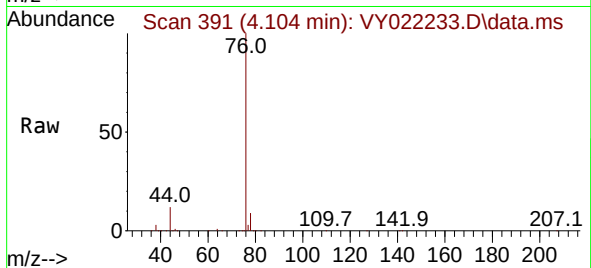
Tgt Ion: 43 Resp: 95845
Ion Ratio Lower Upper
43 100
58 36.5 27.0 40.4





#17
Carbon Disulfide
Concen: 46.015 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY022233.D
Acq: 13 May 2025 10:37

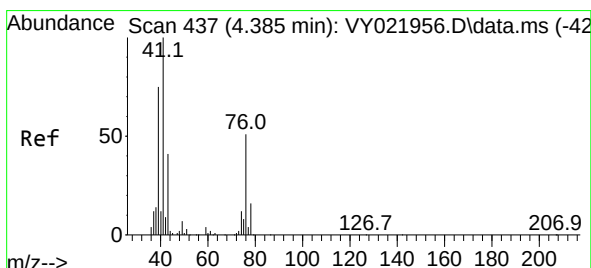
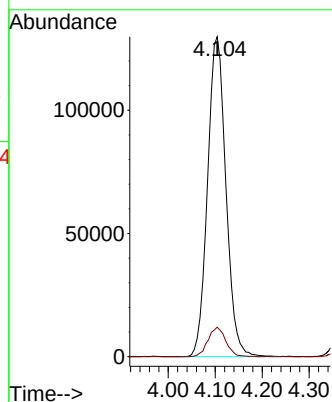
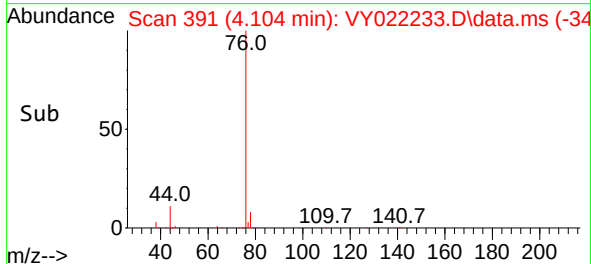
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 35193
Ion Ratio Lower Upper
76 100
78 9.2 7.6 11.4

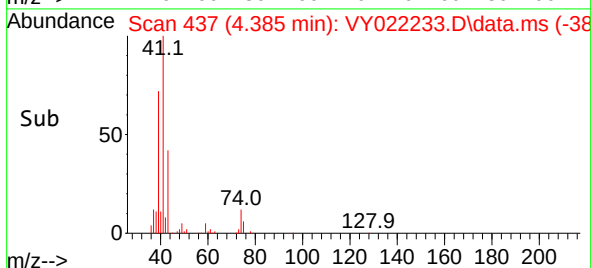
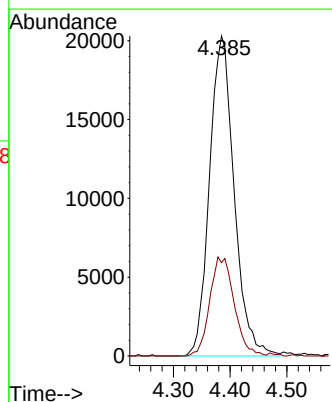
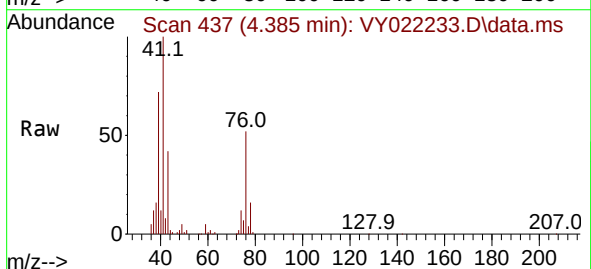
Manual Integrations
APPROVED

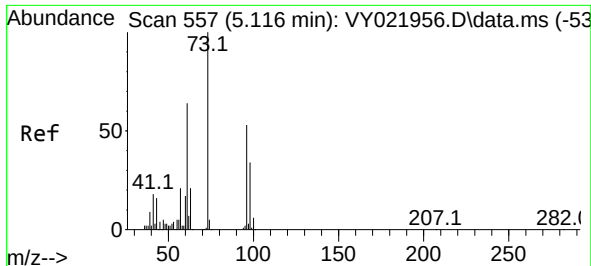
Reviewed By :Mahesh Dadoda 05/14/2025
Supervised By :Semsettin Yesilyurt 05/15/2025



#18
Methyl Acetate
Concen: 58.887 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY022233.D
Acq: 13 May 2025 10:37

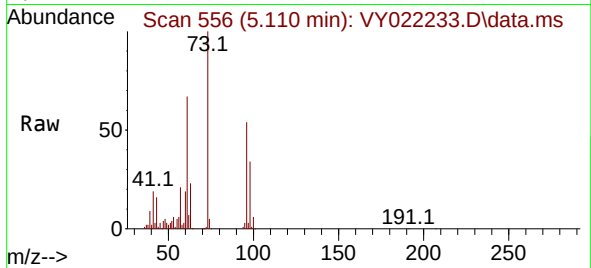
Tgt Ion: 43 Resp: 61308
Ion Ratio Lower Upper
43 100
74 30.6 24.2 36.4





#19
Methyl tert-butyl Ether
Concen: 54.023 ug/l
RT: 5.110 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY022233.D
Acq: 13 May 2025 10:37

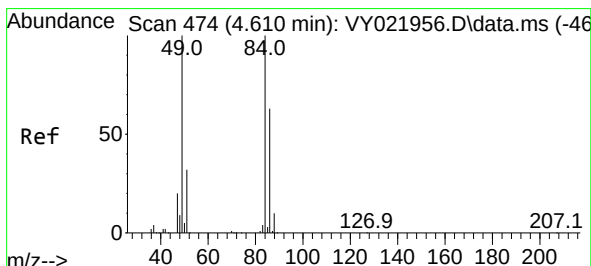
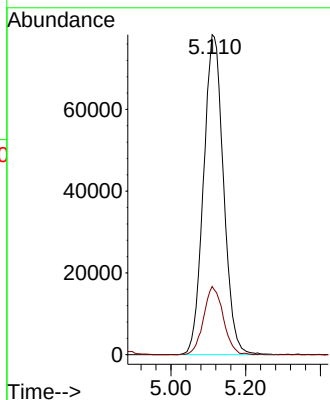
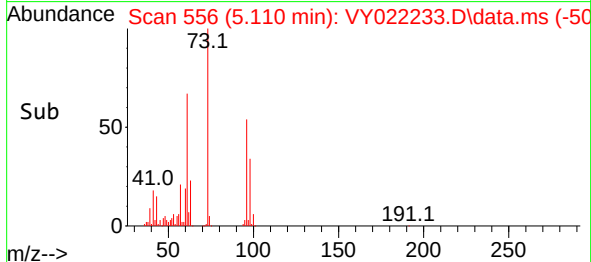
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



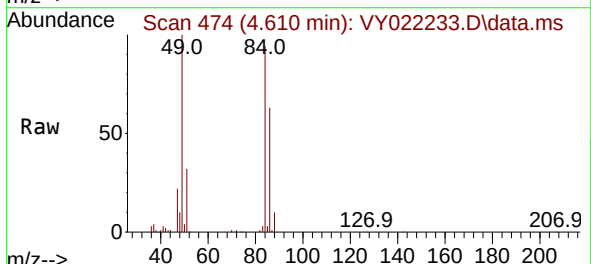
Tgt Ion: 73 Resp: 29004
Ion Ratio Lower Upper
73 100
57 21.3 16.9 25.3

Manual Integrations
APPROVED

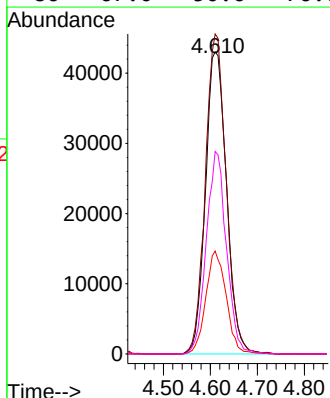
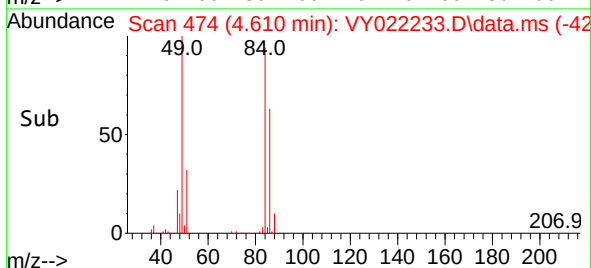
Reviewed By :Mahesh Dadoda 05/14/2025
Supervised By :Semsettin Yesilyurt 05/15/2025

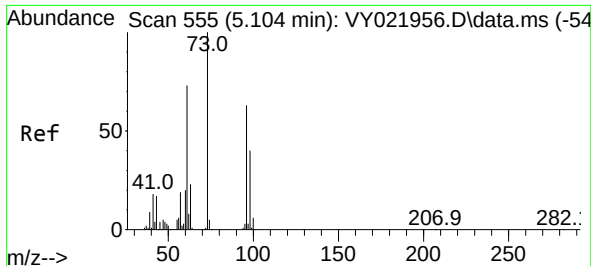


#20
Methylene Chloride
Concen: 47.570 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.000 min
Lab File: VY022233.D
Acq: 13 May 2025 10:37



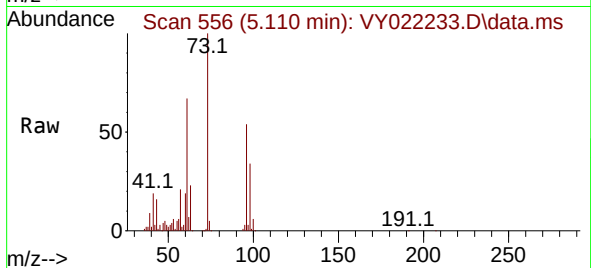
Tgt Ion: 84 Resp: 134064
Ion Ratio Lower Upper
84 100
49 106.0 79.9 119.9
51 34.1 25.4 38.0
86 67.0 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 49.995 ug/l
RT: 5.110 min Scan# 5110
Delta R.T. 0.006 min
Lab File: VY022233.D
Acq: 13 May 2025 10:37

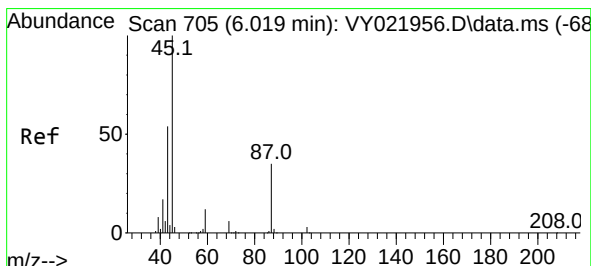
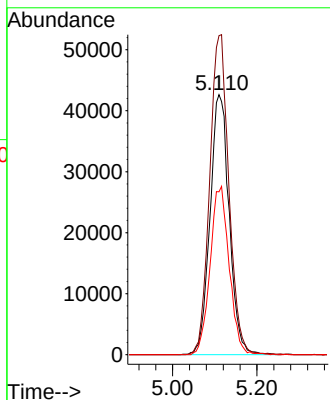
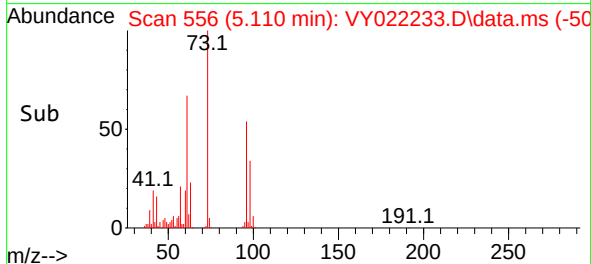
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



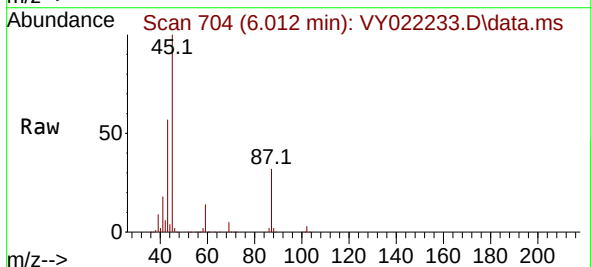
Tgt Ion: 96 Resp: 134308
Ion Ratio Lower Upper
96 100
61 122.7 92.6 138.8
98 62.7 50.2 75.4

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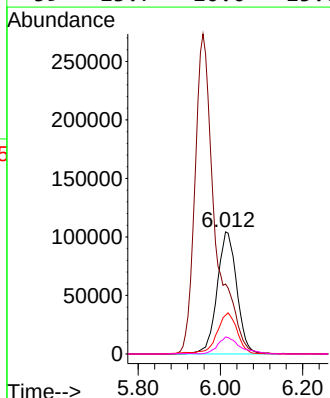
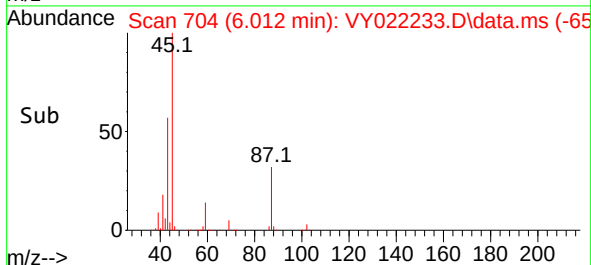
Reviewed By :Mahesh Dadoda 05/14/2025
Supervised By :Semsettin Yesilyurt 05/15/2025

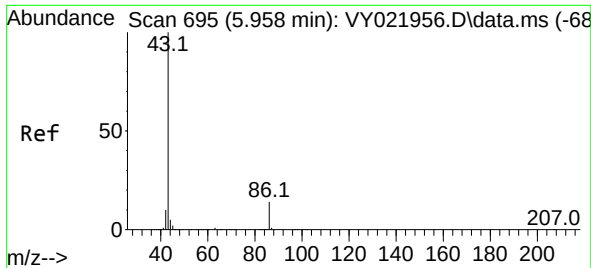


#22
Diisopropyl ether
Concen: 55.810 ug/l
RT: 6.012 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY022233.D
Acq: 13 May 2025 10:37



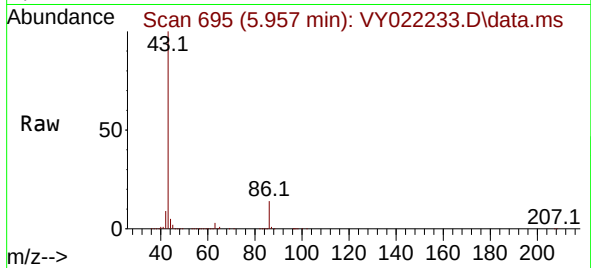
Tgt Ion: 45 Resp: 346892
Ion Ratio Lower Upper
45 100
43 57.0 43.6 65.4
87 31.8 28.2 42.4
59 13.7 10.0 15.0





#23
 Vinyl Acetate
 Concen: 277.481 ug/l
 RT: 5.957 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY022233.D
 Acq: 13 May 2025 10:37

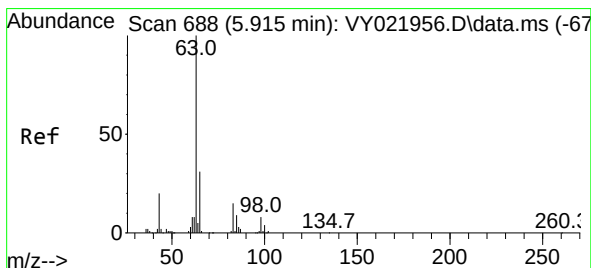
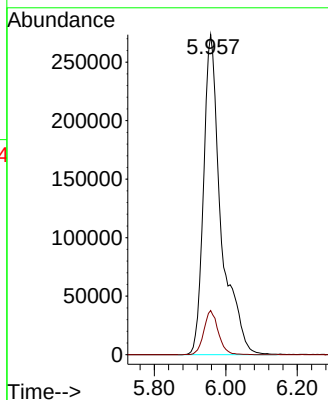
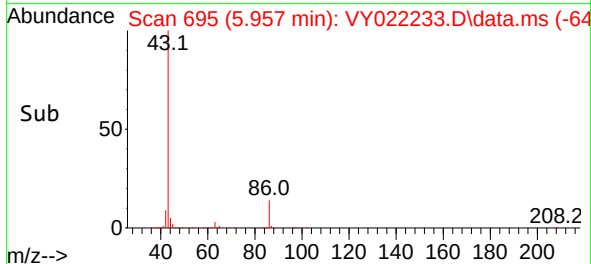
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



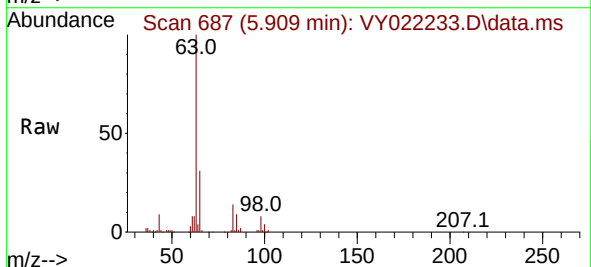
Tgt Ion: 43 Resp: 929508
 Ion Ratio Lower Upper
 43 100
 86 13.8 11.1 16.7

Manual Integrations
 APPROVED

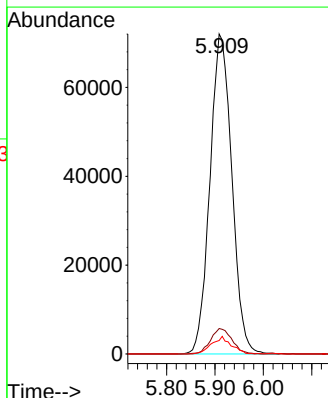
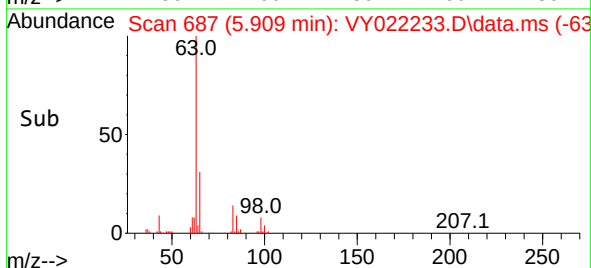
Reviewed By :Mahesh Dadoda 05/14/2025
 Supervised By :Semsettin Yesilyurt 05/15/2025

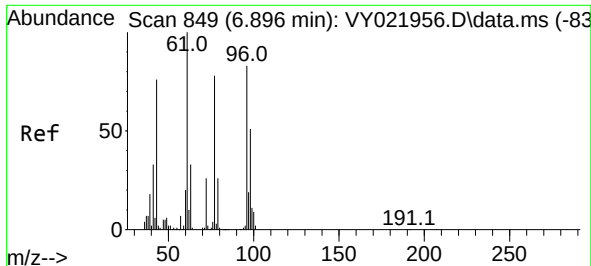


#24
 1,1-Dichloroethane
 Concen: 52.599 ug/l
 RT: 5.909 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY022233.D
 Acq: 13 May 2025 10:37



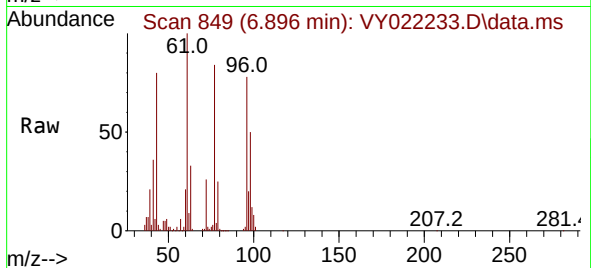
Tgt Ion: 63 Resp: 226616
 Ion Ratio Lower Upper
 63 100
 98 7.9 4.0 11.9
 100 4.2 2.0 6.0





#25
2-Butanone
Concen: 282.557 ug/l
RT: 6.896 min Scan# 849
Delta R.T. -0.000 min
Lab File: VY022233.D
Acq: 13 May 2025 10:37

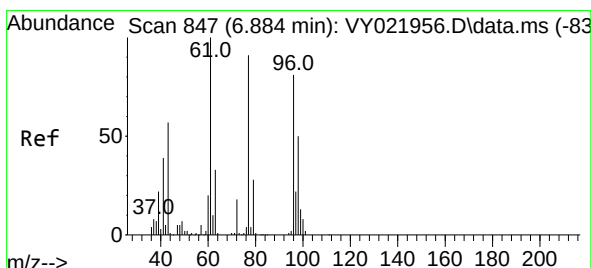
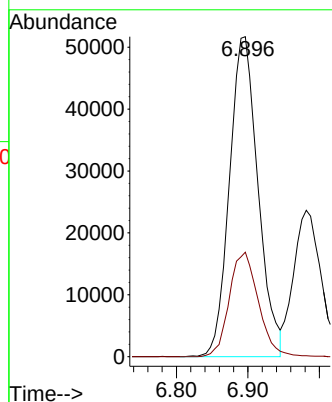
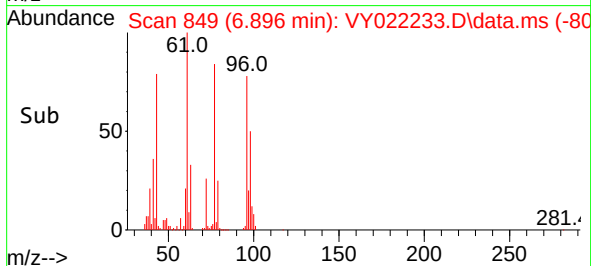
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



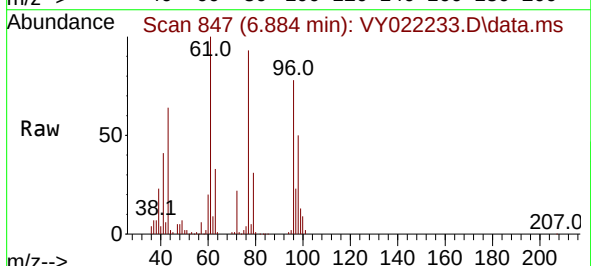
Tgt Ion: 43 Resp: 14355
Ion Ratio Lower Upper
43 100
72 32.6 27.0 40.4

Manual Integrations
APPROVED

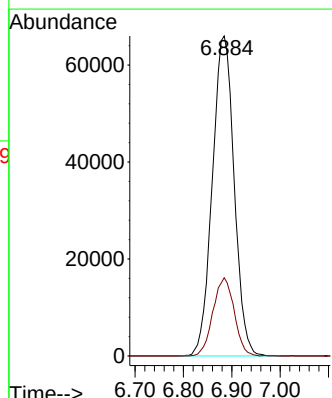
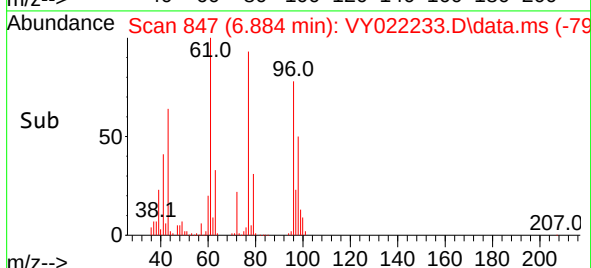
Reviewed By :Mahesh Dadoda 05/14/2025
Supervised By :Semsettin Yesilyurt 05/15/2025

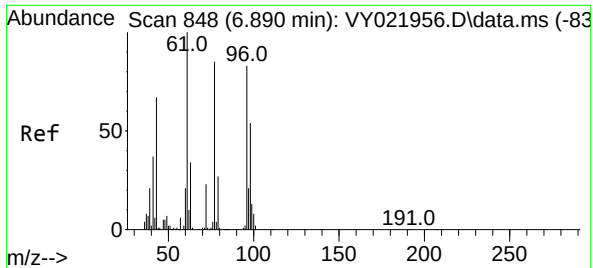


#26
2,2-Dichloropropane
Concen: 54.749 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY022233.D
Acq: 13 May 2025 10:37



Tgt Ion: 77 Resp: 206741
Ion Ratio Lower Upper
77 100
97 23.8 12.4 37.4





#27

cis-1,2-Dichloroethene

Concen: 51.621 ug/l

RT: 6.890 min Scan# 848

Delta R.T. -0.000 min

Lab File: VY022233.D

Acq: 13 May 2025 10:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 15505

Ion Ratio Lower Upper

96 100

61 131.2 0.0 251.4

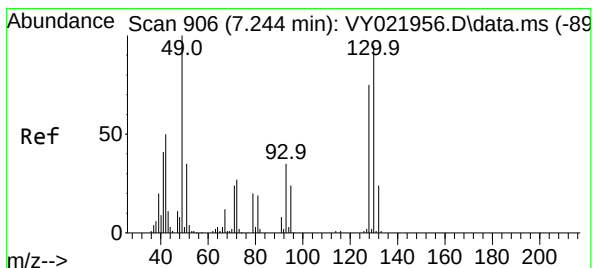
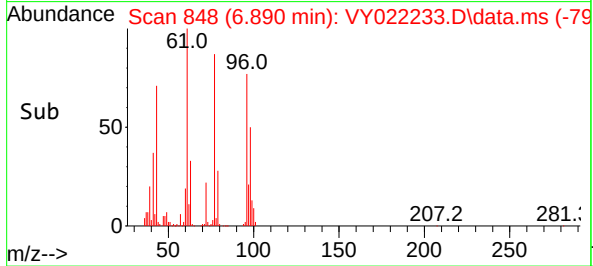
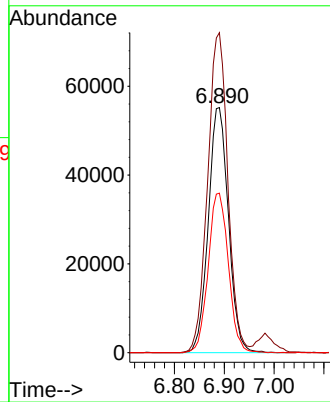
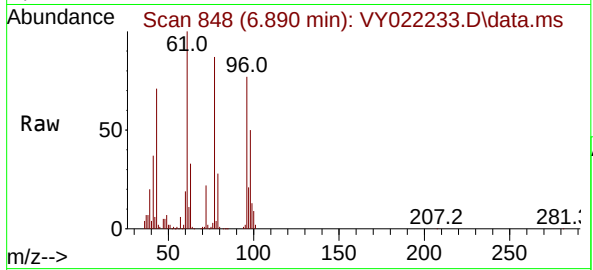
98 65.2 0.0 128.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/14/2025

Supervised By :Semsettin Yesilyurt 05/15/2025



#28

Bromochloromethane

Concen: 52.664 ug/l

RT: 7.244 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY022233.D

Acq: 13 May 2025 10:37

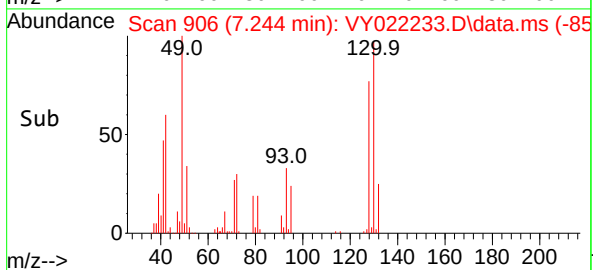
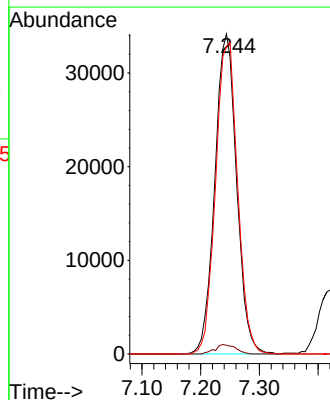
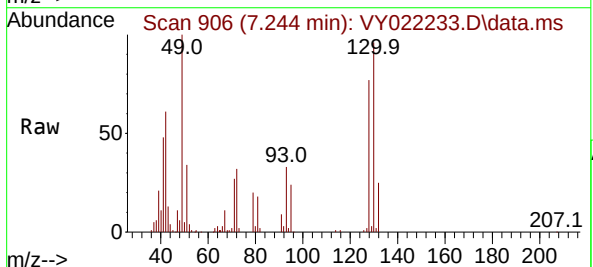
Tgt Ion: 49 Resp: 88131

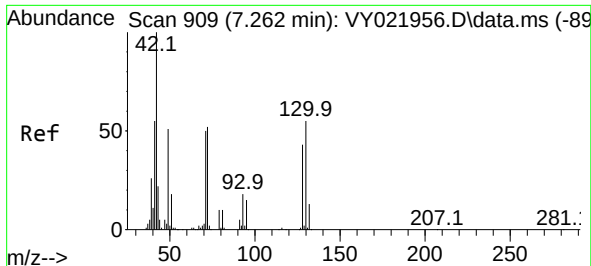
Ion Ratio Lower Upper

49 100

129 2.8 0.0 5.0

130 98.3 78.2 117.4





#29

Tetrahydrofuran

Concen: 280.124 ug/l

RT: 7.262 min Scan# 909

Delta R.T. -0.000 min

Lab File: VY022233.D

Acq: 13 May 2025 10:37

Instrument :

MSVOA_Y

ClientSampleId :

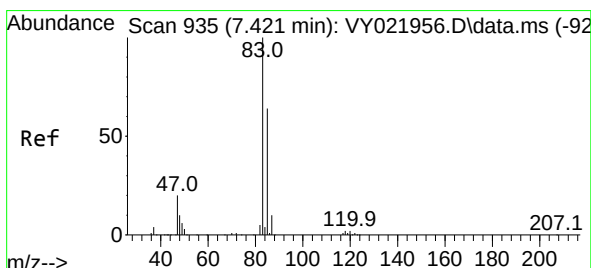
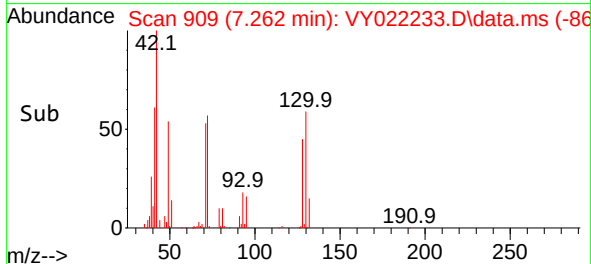
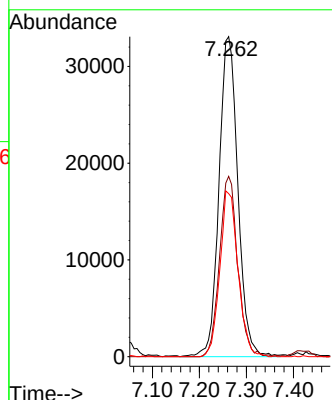
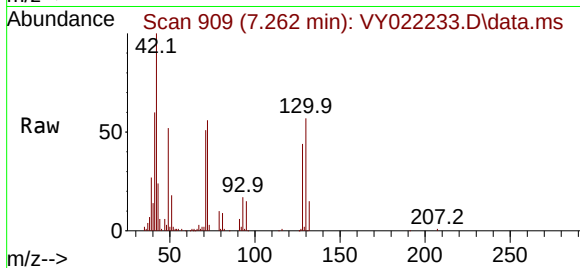
VSTDCCC050

Tgt Ion:	42	Resp:	9243
Ion Ratio	Lower	Upper	
42	100		
72	54.2	42.6	63.8
71	49.8	40.6	61.0

Manual Integrations

APPROVED

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



#30

Chloroform

Concen: 52.263 ug/l

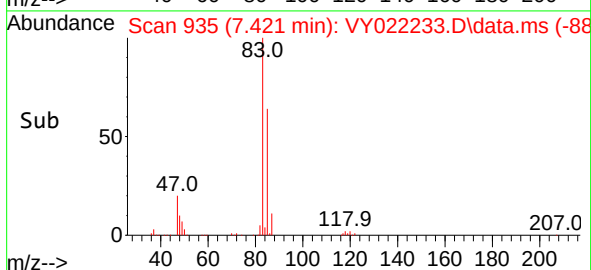
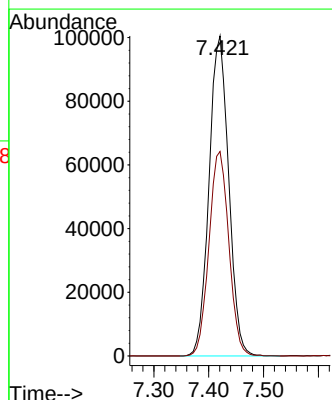
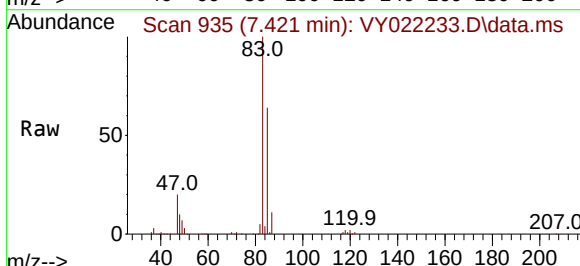
RT: 7.421 min Scan# 935

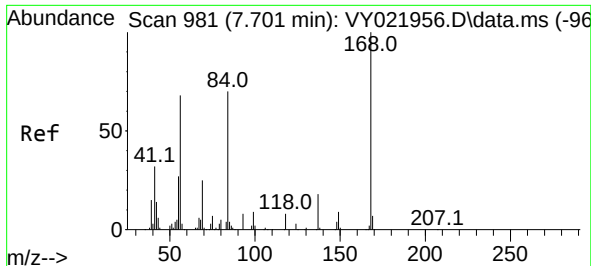
Delta R.T. -0.000 min

Lab File: VY022233.D

Acq: 13 May 2025 10:37

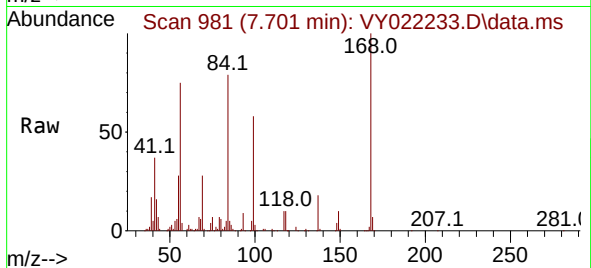
Tgt Ion:	83	Resp:	249765
Ion Ratio	Lower	Upper	
83	100		
85	63.9	51.3	76.9





#31
Cyclohexane
Concen: 50.224 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY022233.D
Acq: 13 May 2025 10:37

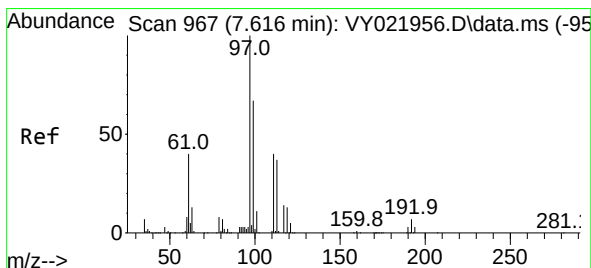
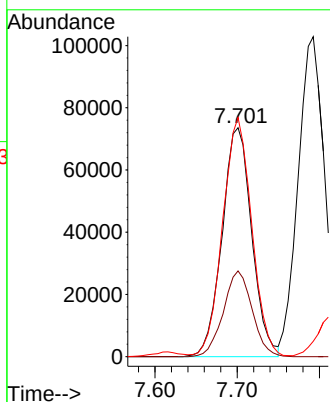
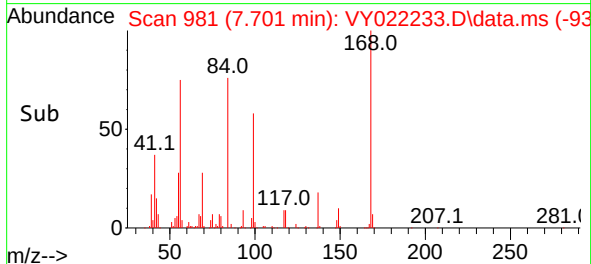
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



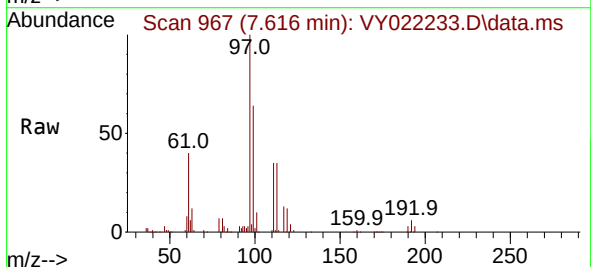
Tgt Ion: 56 Resp: 185044
Ion Ratio Lower Upper
56 100
69 37.5 29.4 44.2
84 103.2 82.2 123.4

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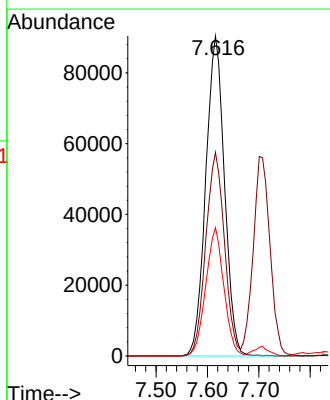
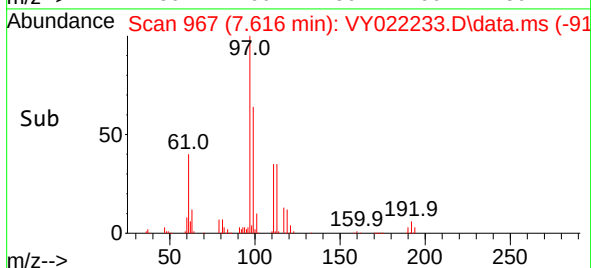
Reviewed By :Mahesh Dadoda 05/14/2025
Supervised By :Semsettin Yesilyurt 05/15/2025

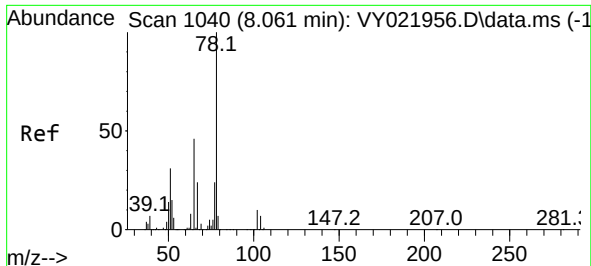


#32
1,1,1-Trichloroethane
Concen: 52.848 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY022233.D
Acq: 13 May 2025 10:37



Tgt Ion: 97 Resp: 228497
Ion Ratio Lower Upper
97 100
99 63.7 51.4 77.2
61 38.8 31.4 47.2





#33

1,2-Dichloroethane-d4

Concen: 50.297 ug/l

RT: 8.061 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VY022233.D

Acq: 13 May 2025 10:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 11210

Ion Ratio Lower Upper

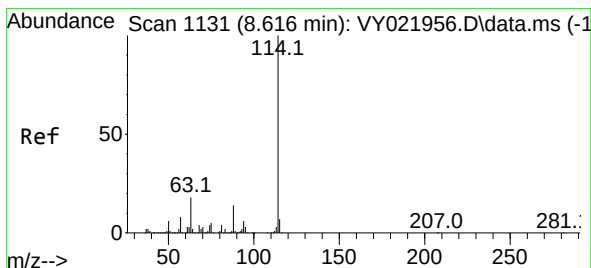
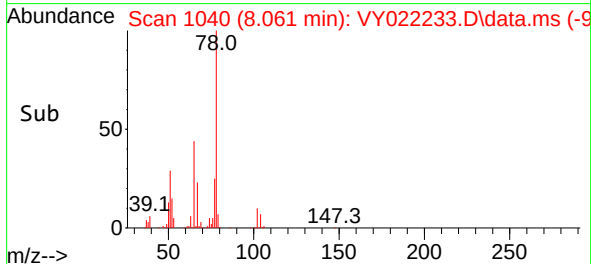
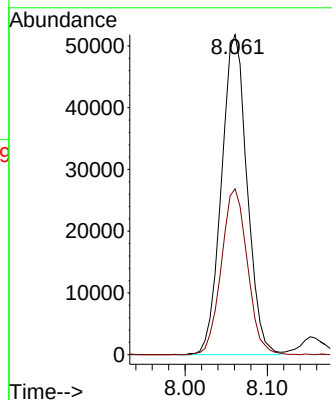
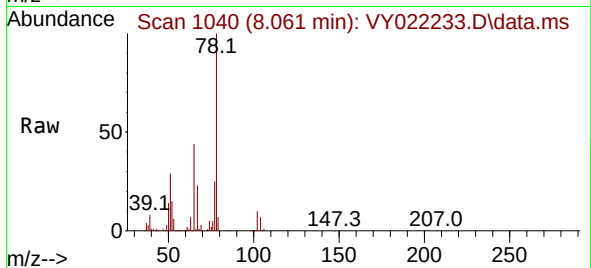
65 100

67 52.8 0.0 105.8

Manual Integrations

APPROVED

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



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY022233.D

Acq: 13 May 2025 10:37

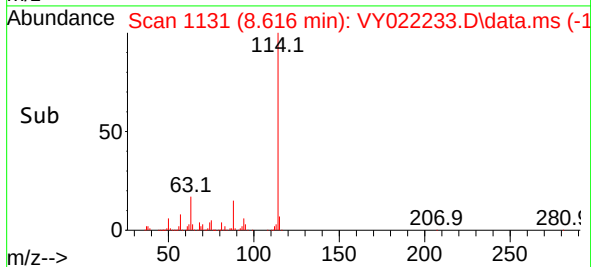
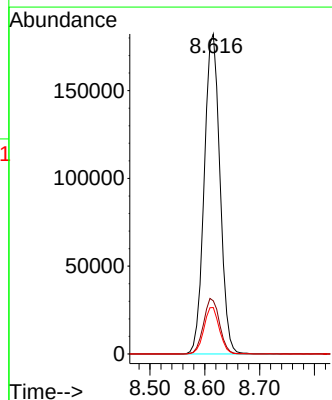
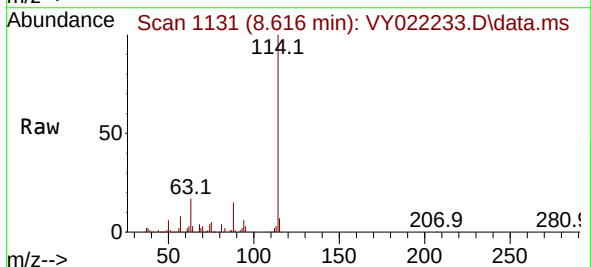
Tgt Ion:114 Resp: 361603

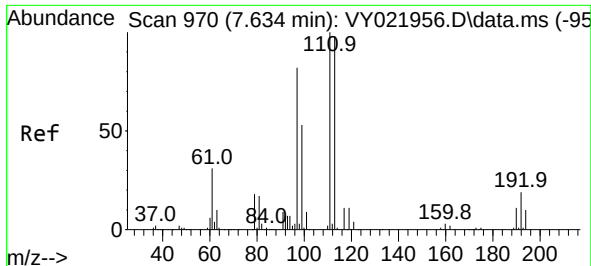
Ion Ratio Lower Upper

114 100

63 16.6 0.0 35.4

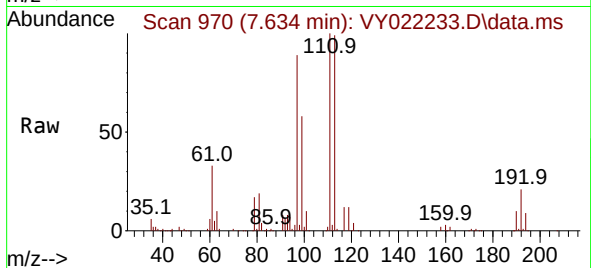
88 14.5 0.0 28.2





#35
Dibromofluoromethane
Concen: 52.327 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY022233.D
Acq: 13 May 2025 10:37

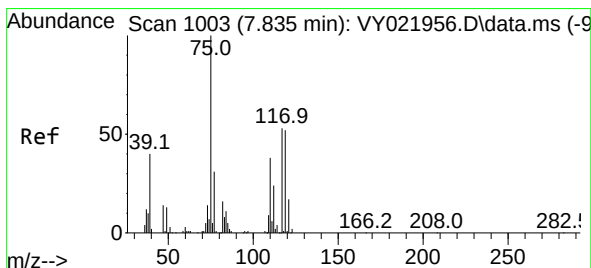
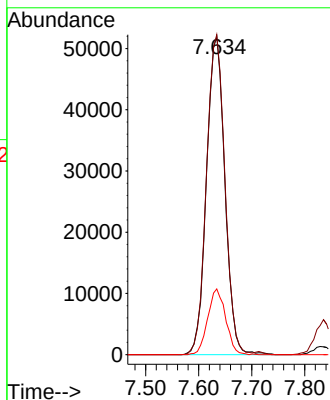
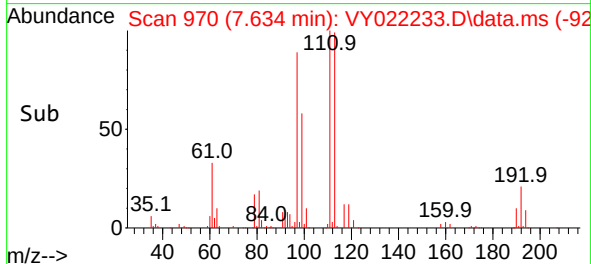
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 113 Resp: 12500
Ion Ratio Lower Upper
113 100
111 100.9 81.8 122.8
192 20.2 15.6 23.4

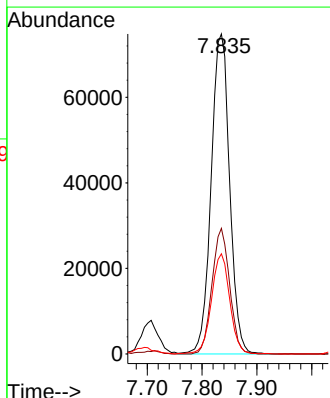
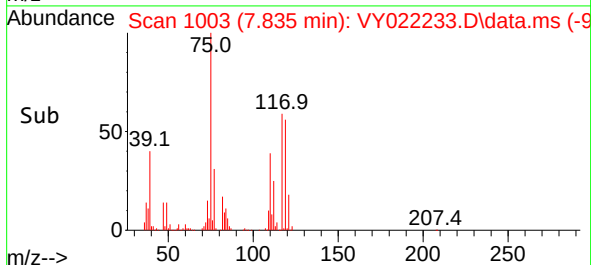
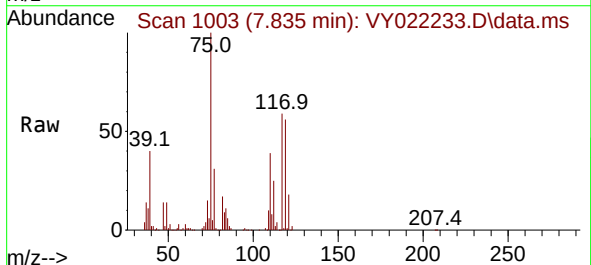
Manual Integrations
APPROVED

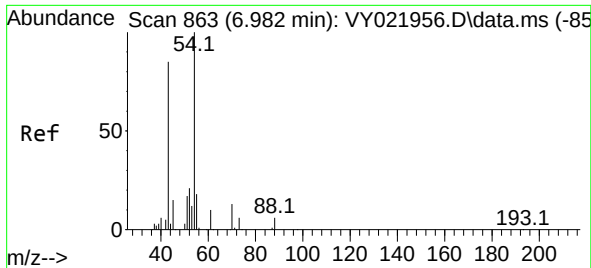
Reviewed By :Mahesh Dadoda 05/14/2025
Supervised By :Semsettin Yesilyurt 05/15/2025



#36
1,1-Dichloropropene
Concen: 54.620 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.000 min
Lab File: VY022233.D
Acq: 13 May 2025 10:37

Tgt Ion: 75 Resp: 175273
Ion Ratio Lower Upper
75 100
110 37.4 19.1 57.3
77 31.0 25.5 38.3





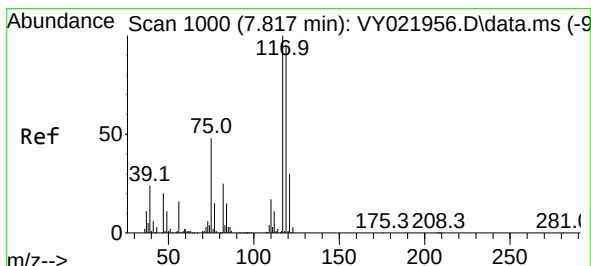
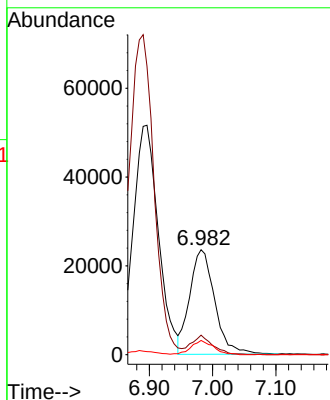
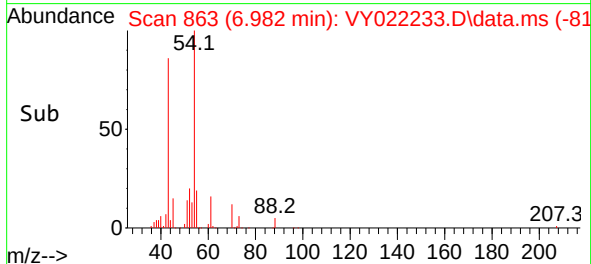
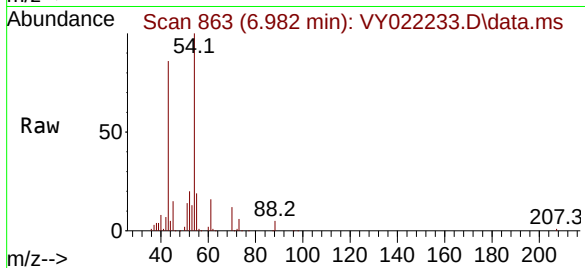
#37
Ethyl Acetate
Concen: 56.205 ug/l
RT: 6.982 min Scan# 80
Delta R.T. -0.000 min
Lab File: VY022233.D
Acq: 13 May 2025 10:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 6477
Ion Ratio Lower Upper
43 100
61 16.1 13.8 20.6
70 12.1 9.2 13.8

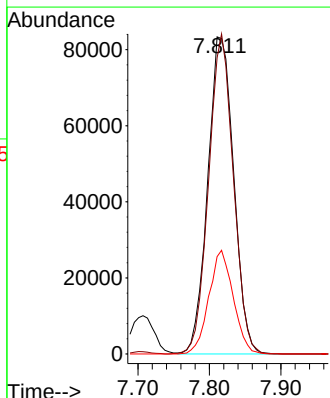
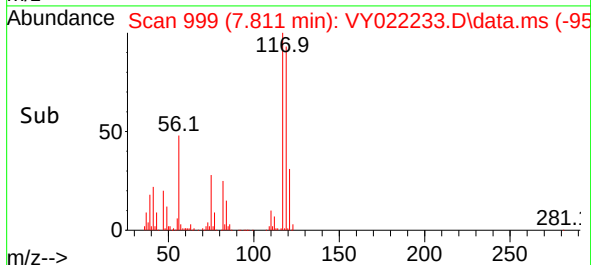
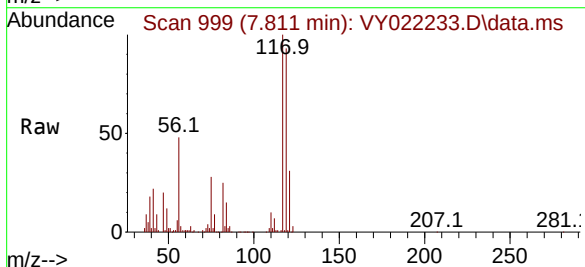
Manual Integrations
APPROVED

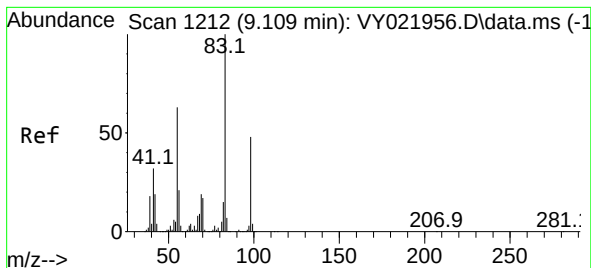
Reviewed By :Mahesh Dadoda 05/14/2025
Supervised By :Semsettin Yesilyurt 05/15/2025



#38
Carbon Tetrachloride
Concen: 54.788 ug/l
RT: 7.811 min Scan# 999
Delta R.T. -0.006 min
Lab File: VY022233.D
Acq: 13 May 2025 10:37

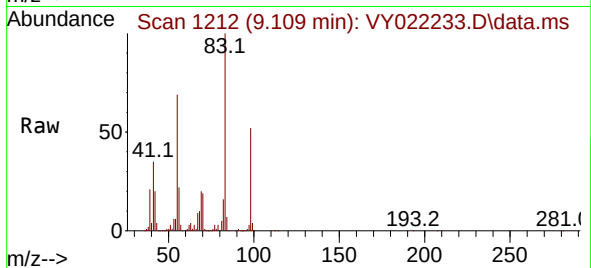
Tgt Ion:117 Resp: 210087
Ion Ratio Lower Upper
117 100
119 93.2 76.2 114.4
121 30.7 24.0 36.0





#39
Methylcyclohexane
Concen: 54.473 ug/l
RT: 9.109 min Scan# 1212
Delta R.T. -0.000 min
Lab File: VY022233.D
Acq: 13 May 2025 10:37

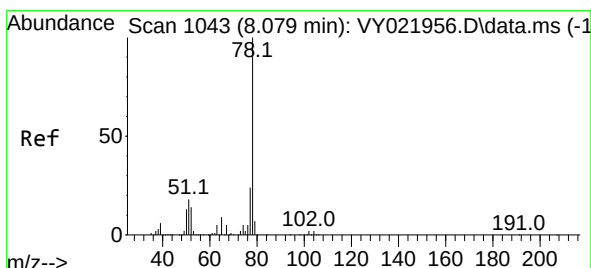
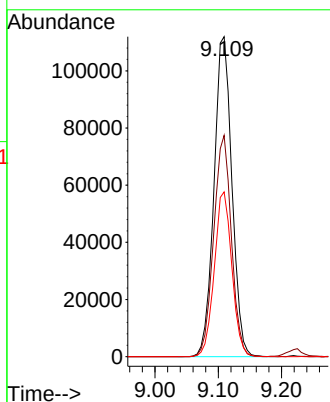
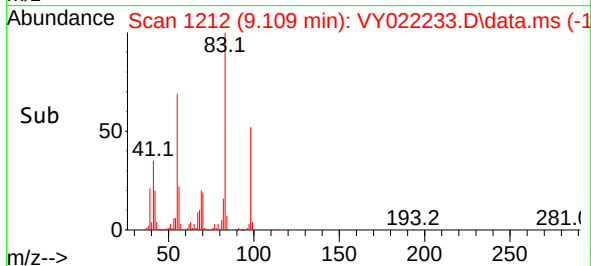
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 219980
Ion Ratio Lower Upper
83 100
55 69.2 50.6 75.8
98 51.5 38.6 58.0

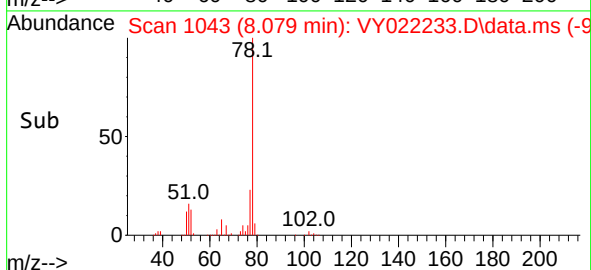
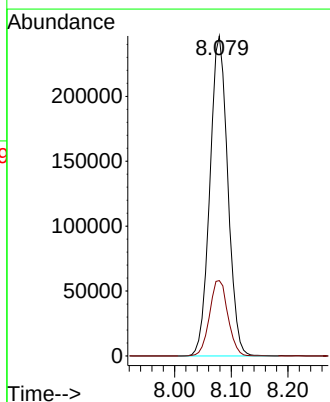
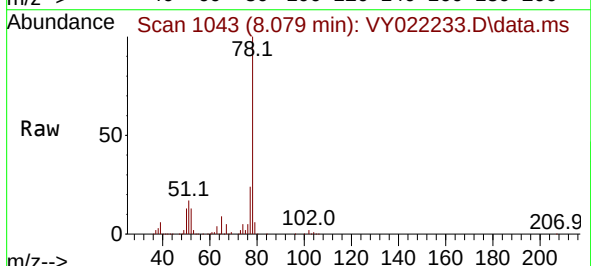
Manual Integrations
APPROVED

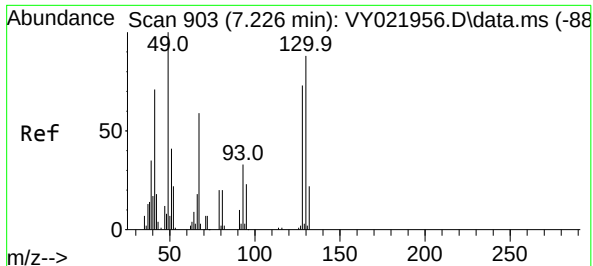
Reviewed By :Mahesh Dadoda 05/14/2025
Supervised By :Semsettin Yesilyurt 05/15/2025



#40
Benzene
Concen: 53.851 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VY022233.D
Acq: 13 May 2025 10:37

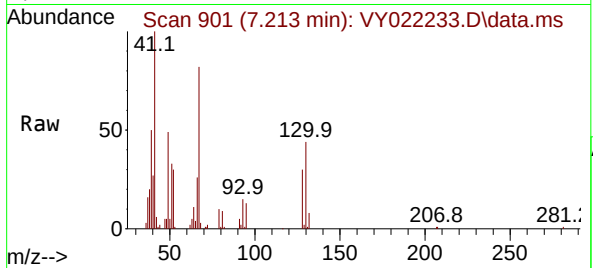
Tgt Ion: 78 Resp: 540184
Ion Ratio Lower Upper
78 100
77 23.5 19.3 28.9





#41
Methacrylonitrile
Concen: 61.728 ug/l
RT: 7.213 min Scan# 903
Delta R.T. -0.012 min
Lab File: VY022233.D
Acq: 13 May 2025 10:37

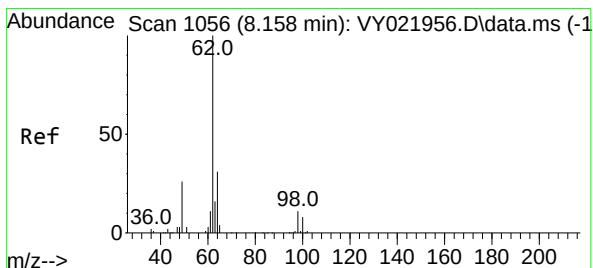
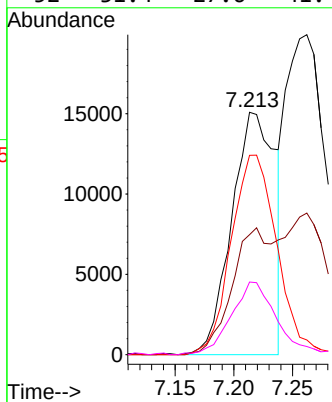
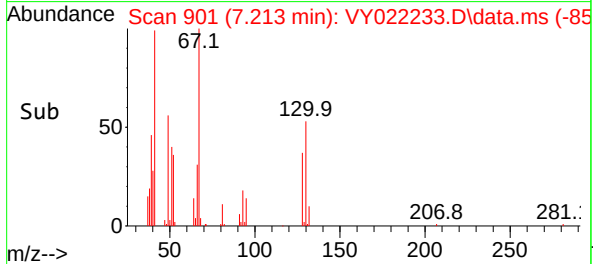
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 38890
Ion Ratio Lower Upper
41 100
39 45.8 36.6 55.0
67 86.6 72.2 108.4
52 31.4 27.6 41.4

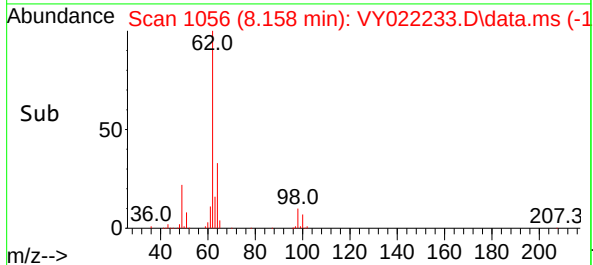
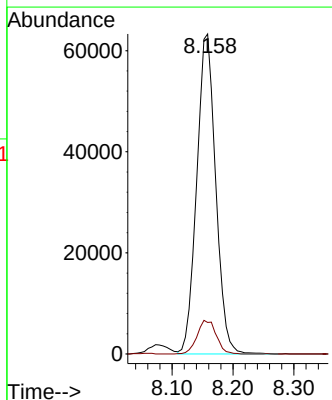
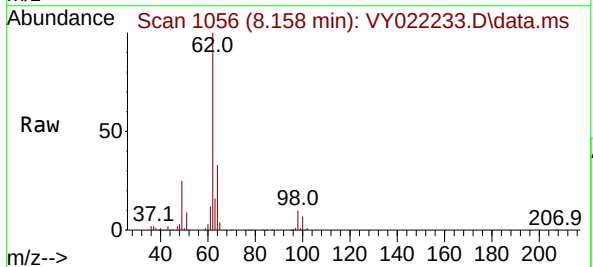
Manual Integrations
APPROVED

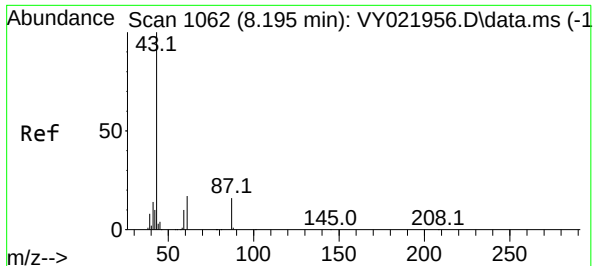
Reviewed By :Mahesh Dadoda 05/14/2025
Supervised By :Semsettin Yesilyurt 05/15/2025



#42
1,2-Dichloroethane
Concen: 55.238 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VY022233.D
Acq: 13 May 2025 10:37

Tgt Ion: 62 Resp: 137188
Ion Ratio Lower Upper
62 100
98 10.6 0.0 22.0





#43

Isopropyl Acetate

Concen: 57.640 ug/l

RT: 8.195 min Scan# 1062

Delta R.T. -0.000 min

Lab File: VY022233.D

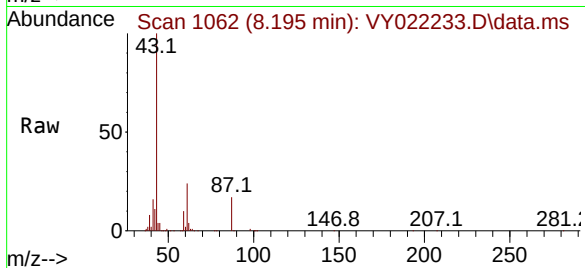
Acq: 13 May 2025 10:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

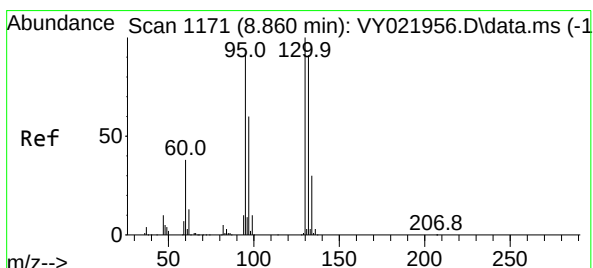
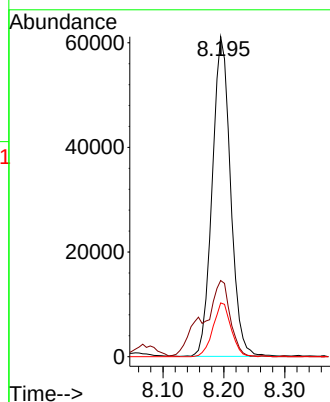
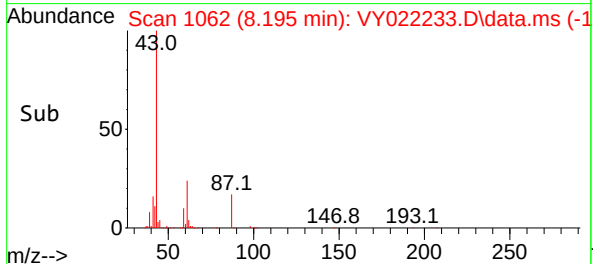


Tgt Ion: 43	Resp: 127574
Ion Ratio	Lower Upper
43 100	
61 23.0	18.9 28.3
87 16.7	13.7 20.5

Manual Integrations

APPROVED

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



#44

Trichloroethene

Concen: 52.717 ug/l

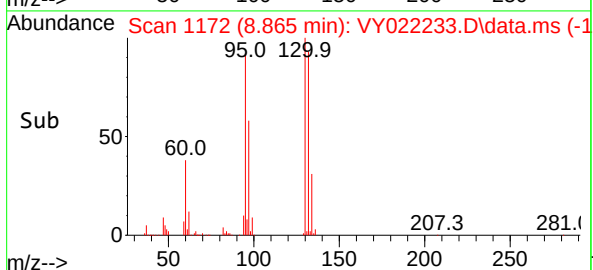
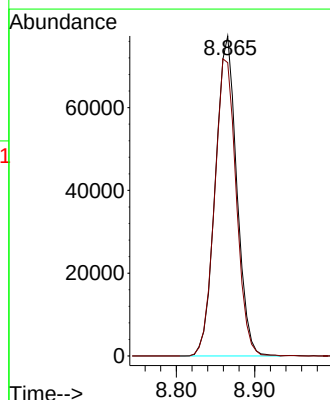
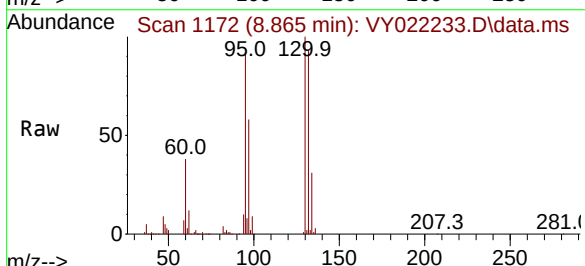
RT: 8.865 min Scan# 1172

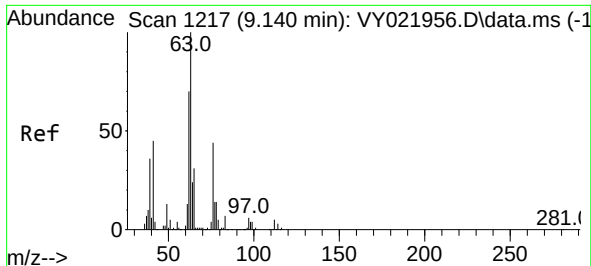
Delta R.T. 0.006 min

Lab File: VY022233.D

Acq: 13 May 2025 10:37

Tgt Ion:130	Resp: 146473
Ion Ratio	Lower Upper
130 100	
95 91.6	0.0 183.2





#45

1,2-Dichloropropane

Concen: 55.720 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.000 min

Lab File: VY022233.D

Acq: 13 May 2025 10:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 12360

Ion Ratio Lower Upper

63 100

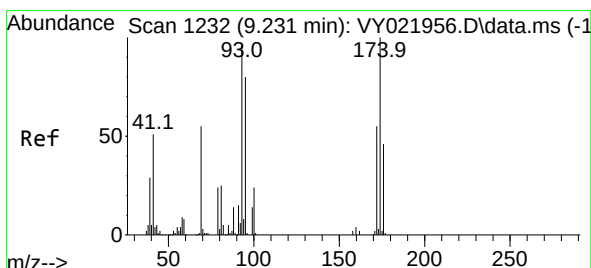
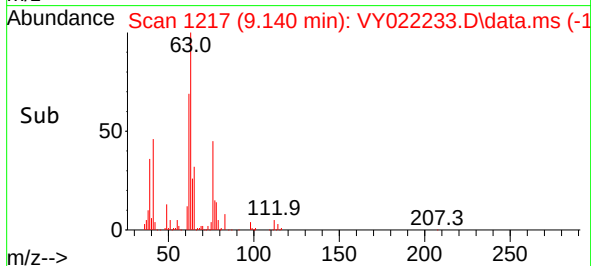
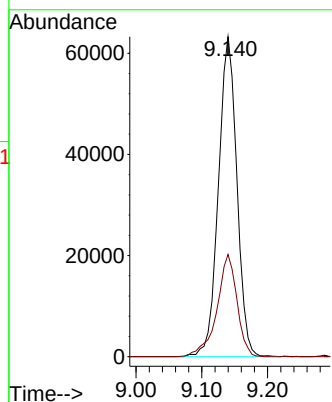
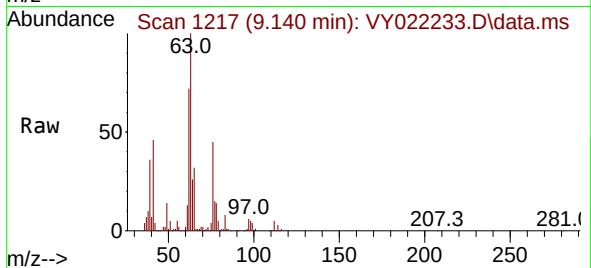
65 32.0 25.2 37.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/14/2025

Supervised By :Semsettin Yesilyurt 05/15/2025



#46

Dibromomethane

Concen: 54.033 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY022233.D

Acq: 13 May 2025 10:37

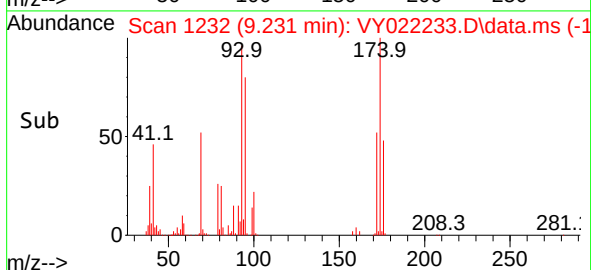
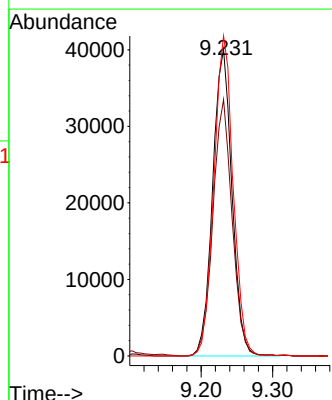
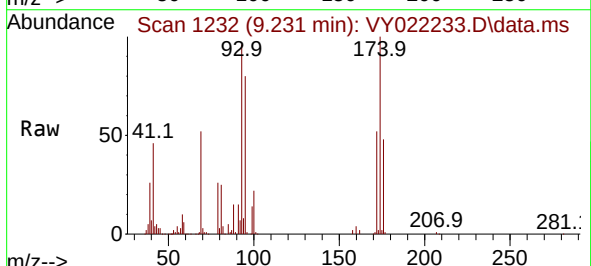
Tgt Ion: 93 Resp: 75033

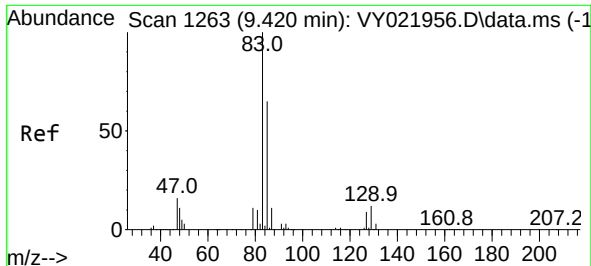
Ion Ratio Lower Upper

93 100

95 83.2 66.7 100.1

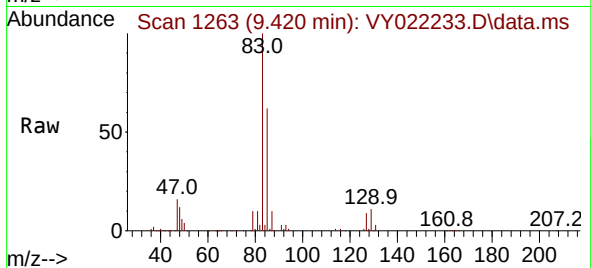
174 104.4 84.6 127.0





#47
Bromodichloromethane
Concen: 55.428 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. -0.000 min
Lab File: VY022233.D
Acq: 13 May 2025 10:37

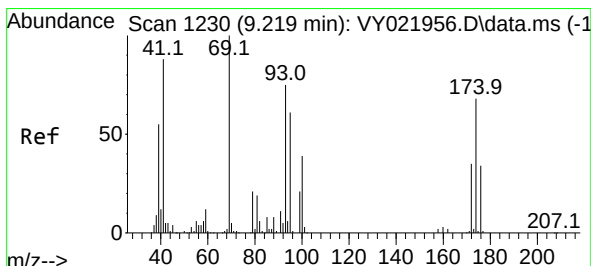
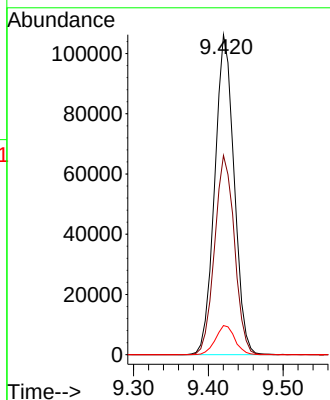
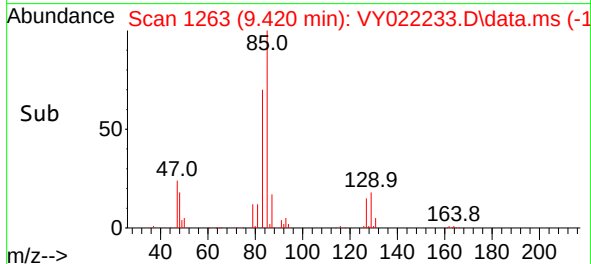
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 192280
Ion Ratio Lower Upper
83 100
85 62.2 51.8 77.8
127 9.1 7.0 10.6

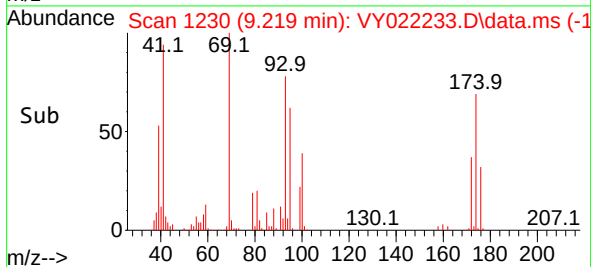
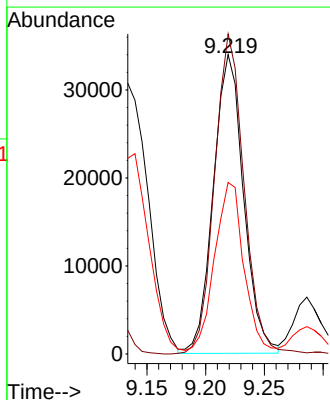
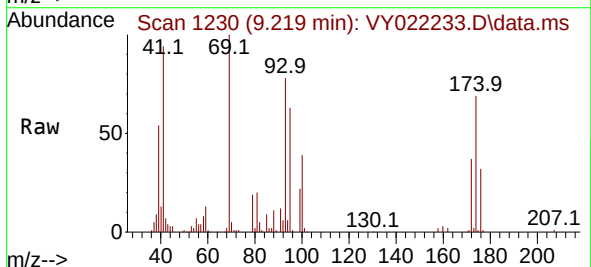
Manual Integrations
APPROVED

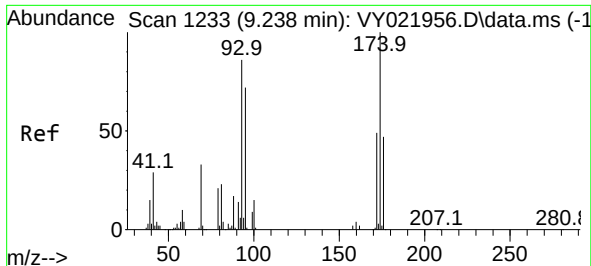
Reviewed By :Mahesh Dadoda 05/14/2025
Supervised By :Semsettin Yesilyurt 05/15/2025



#48
Methyl methacrylate
Concen: 59.470 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.000 min
Lab File: VY022233.D
Acq: 13 May 2025 10:37

Tgt Ion: 41 Resp: 60848
Ion Ratio Lower Upper
41 100
69 104.7 85.5 128.3
39 53.8 46.2 69.4





#49

1,4-Dioxane

Concen: 1118.312 ug/l

RT: 9.231 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022233.D

Acq: 13 May 2025 10:37

Instrument :

MSVOA_Y

ClientSampleId :

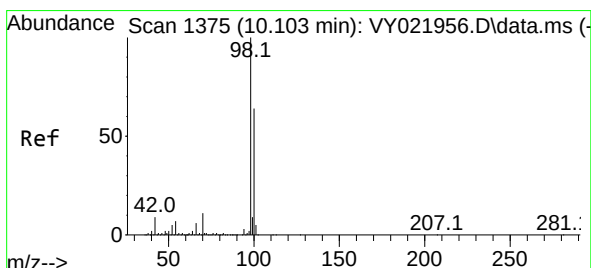
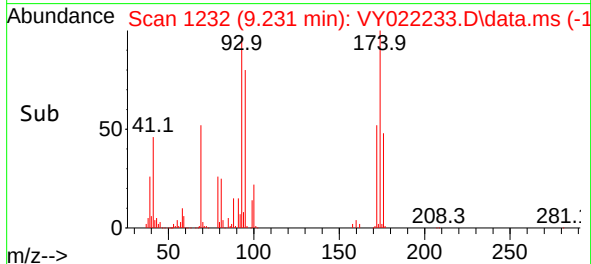
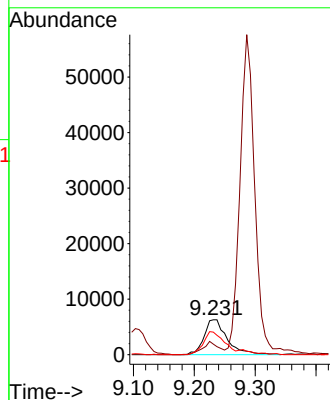
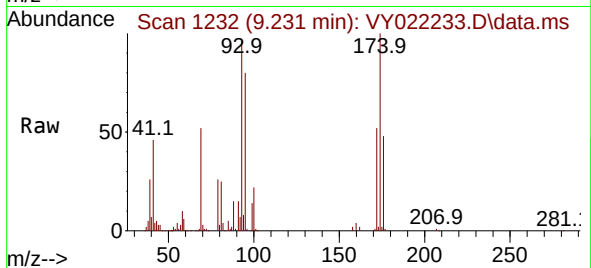
VSTDCCC050

Tgt Ion:	88	Resp:	1655
Ion	Ratio	Lower	Upper
88	100		
43	26.2	21.3	31.9
58	69.0	50.5	75.7

Manual Integrations

APPROVED

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



#50

Toluene-d8

Concen: 51.990 ug/l

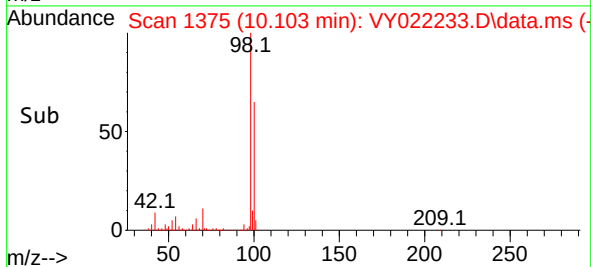
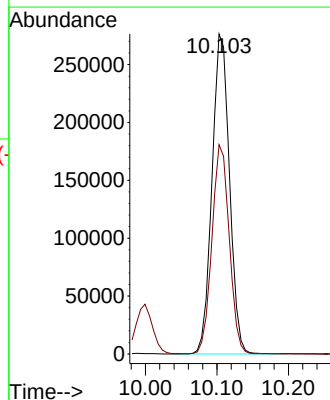
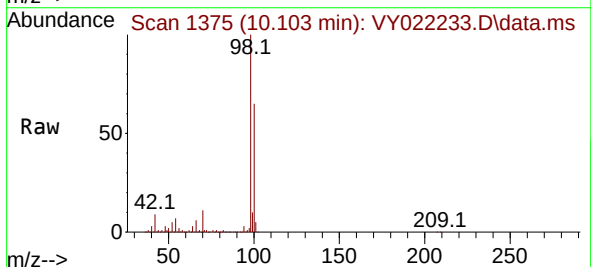
RT: 10.103 min Scan# 1375

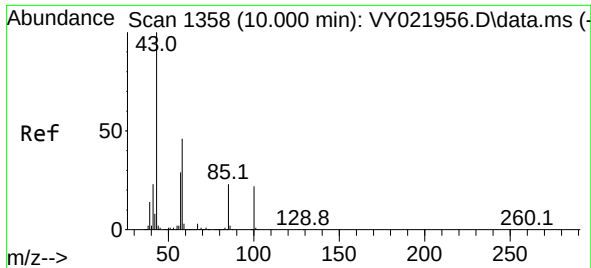
Delta R.T. -0.000 min

Lab File: VY022233.D

Acq: 13 May 2025 10:37

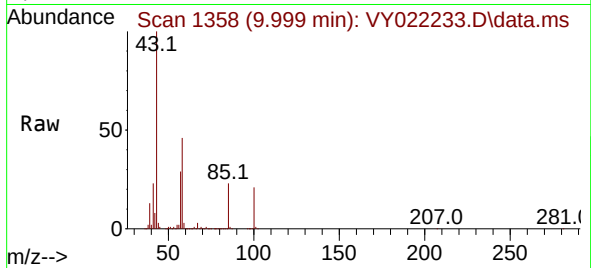
Tgt Ion:	98	Resp:	468236
Ion	Ratio	Lower	Upper
98	100		
100	65.1	51.6	77.4





#51
4-Methyl-2-Pentanone
Concen: 301.531 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VY022233.D
Acq: 13 May 2025 10:37

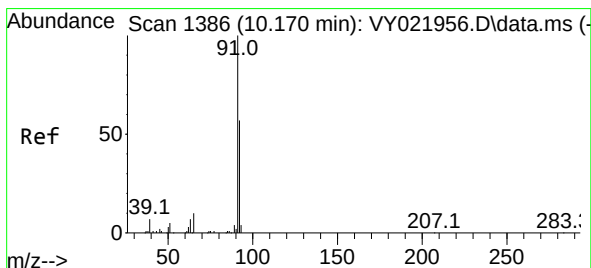
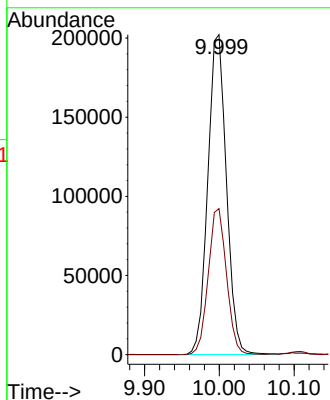
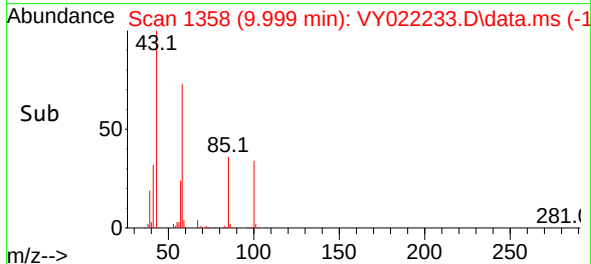
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



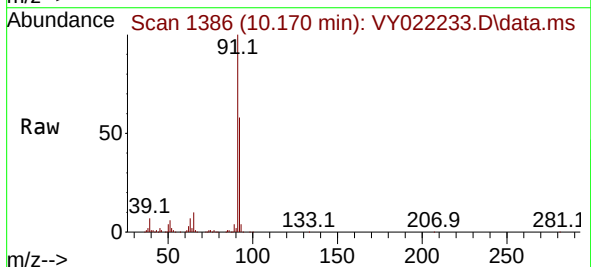
Tgt Ion: 43 Resp: 349848
Ion Ratio Lower Upper
43 100
58 44.9 36.6 55.0

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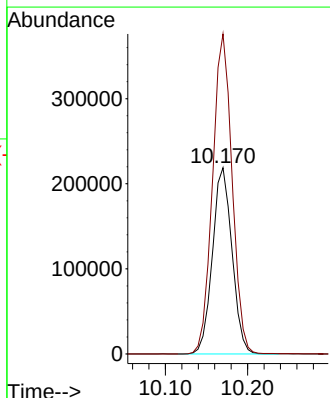
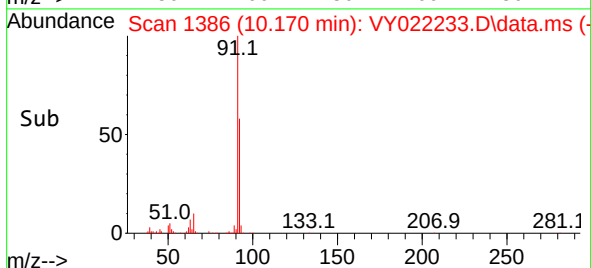
Reviewed By :Mahesh Dadoda 05/14/2025
Supervised By :Semsettin Yesilyurt 05/15/2025

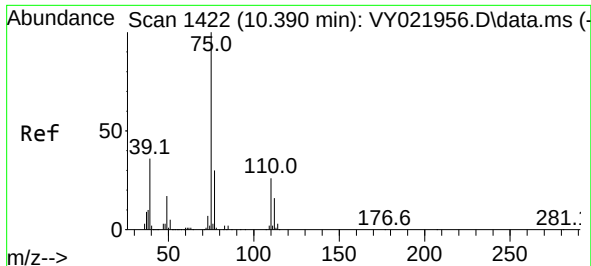


#52
Toluene
Concen: 55.610 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VY022233.D
Acq: 13 May 2025 10:37



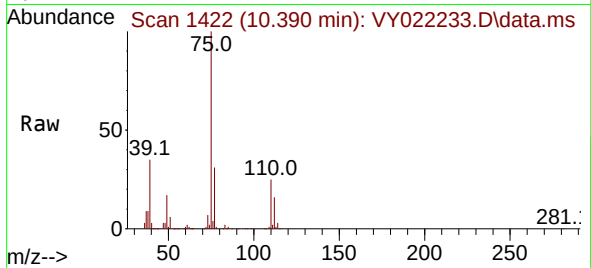
Tgt Ion: 92 Resp: 361093
Ion Ratio Lower Upper
92 100
91 172.4 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 56.446 ug/l
RT: 10.390 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VY022233.D
Acq: 13 May 2025 10:37

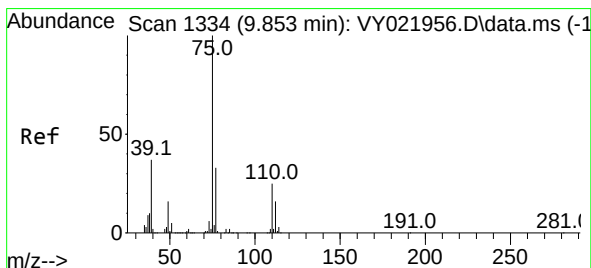
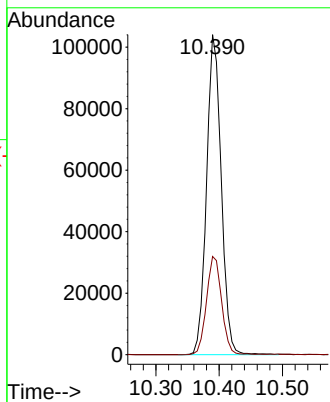
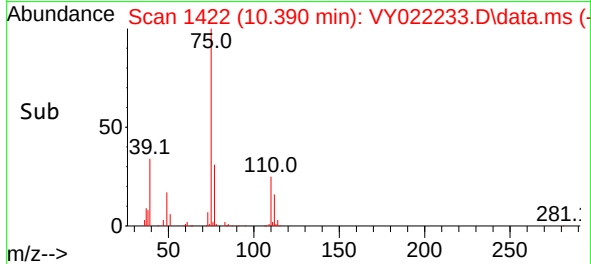
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 167960
Ion Ratio Lower Upper
75 100
77 30.7 24.0 36.0

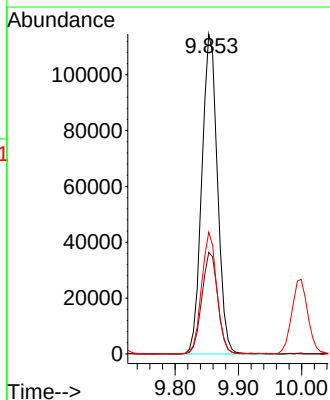
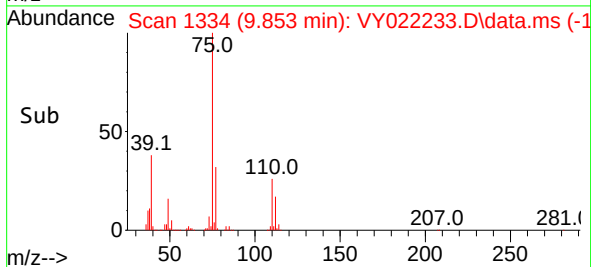
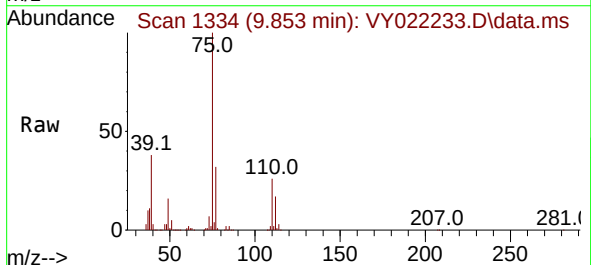
Manual Integrations
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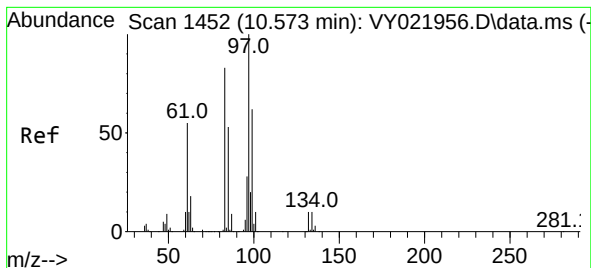
Reviewed By :Mahesh Dadoda 05/14/2025
Supervised By :Semsettin Yesilyurt 05/15/2025



#54
cis-1,3-Dichloropropene
Concen: 55.739 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. -0.000 min
Lab File: VY022233.D
Acq: 13 May 2025 10:37

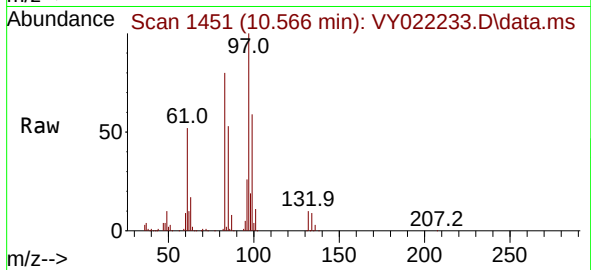
Tgt Ion: 75 Resp: 197158
Ion Ratio Lower Upper
75 100
77 31.8 26.6 40.0
39 38.0 29.6 44.4





#55
1,1,2-Trichloroethane
Concen: 56.172 ug/l
RT: 10.566 min Scan# 1451
Delta R.T. -0.006 min
Lab File: VY022233.D
Acq: 13 May 2025 10:37

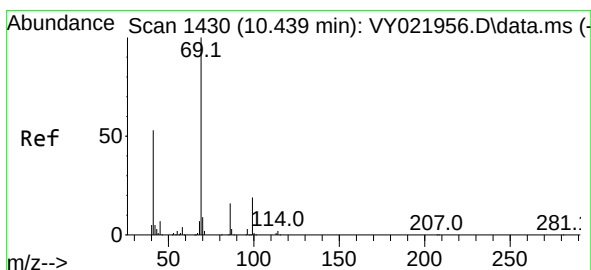
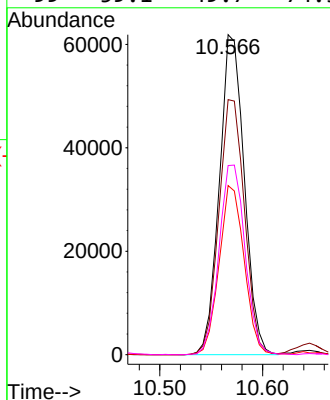
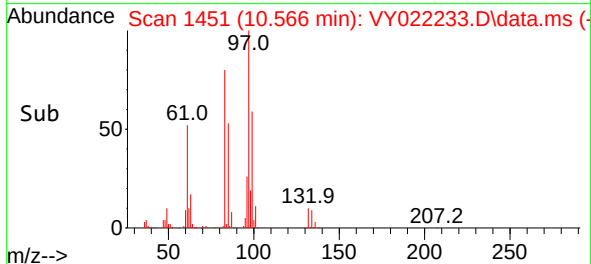
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



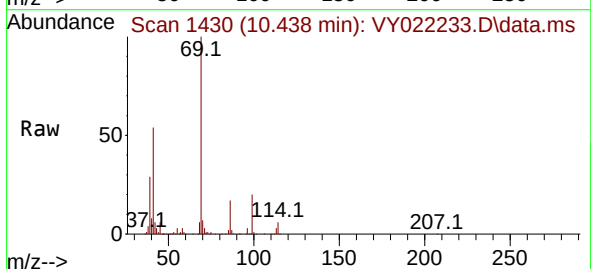
Tgt Ion: 97 Resp: 104199
Ion Ratio Lower Upper
97 100
83 79.7 66.7 100.1
85 52.9 42.6 64.0
99 59.1 49.7 74.5

Manual Integrations
APPROVED

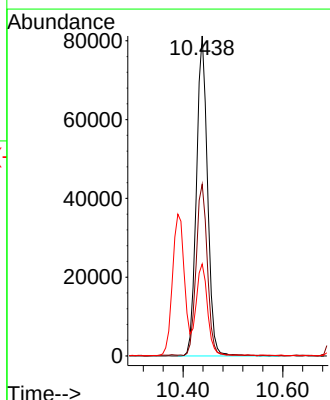
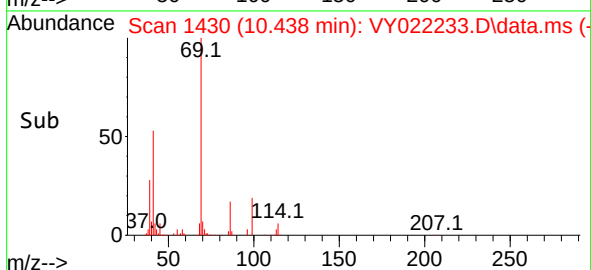
Reviewed By :Mahesh Dadoda 05/14/2025
Supervised By :Semsettin Yesilyurt 05/15/2025

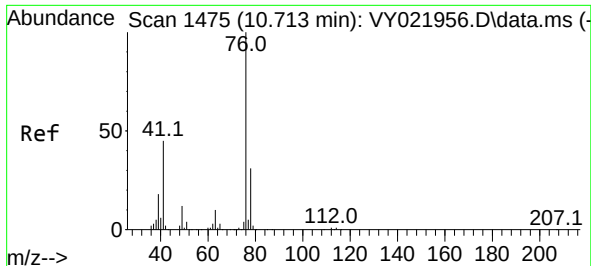


#56
Ethyl methacrylate
Concen: 59.024 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VY022233.D
Acq: 13 May 2025 10:37



Tgt Ion: 69 Resp: 125204
Ion Ratio Lower Upper
69 100
41 54.0 40.7 61.1
39 29.4 23.3 34.9





#57

1,3-Dichloropropane

Concen: 55.595 ug/l

RT: 10.713 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VY022233.D

Acq: 13 May 2025 10:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 165324

Ion Ratio Lower Upper

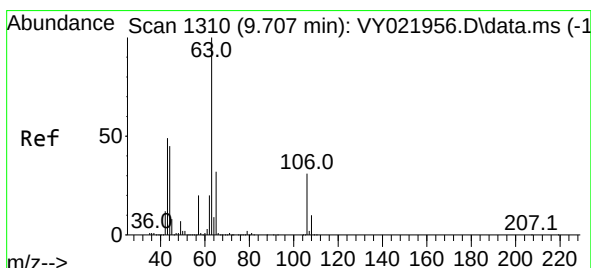
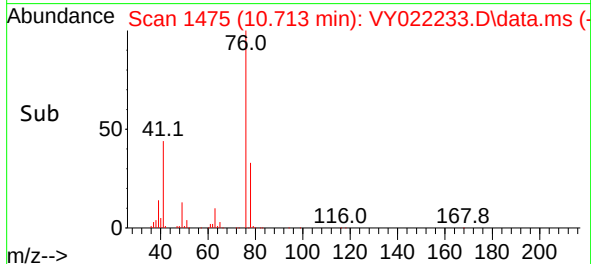
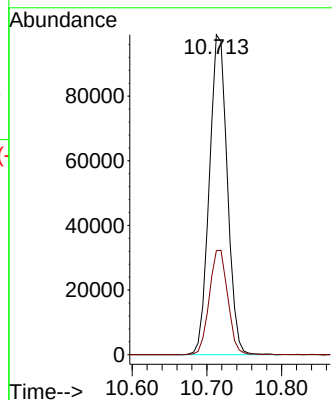
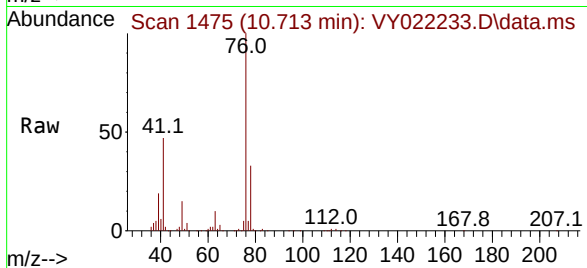
76 100

78 33.5 26.6 39.8

Manual Integrations

APPROVED

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



#58

2-Chloroethyl Vinyl ether

Concen: 296.589 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.000 min

Lab File: VY022233.D

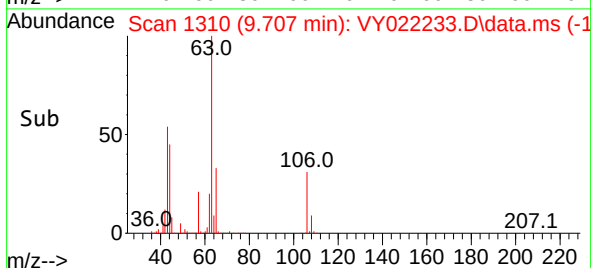
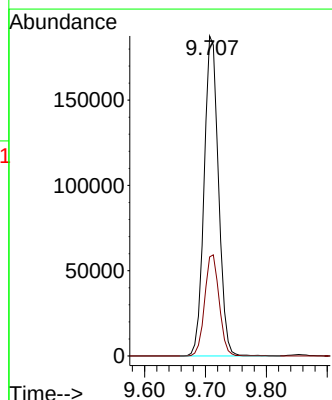
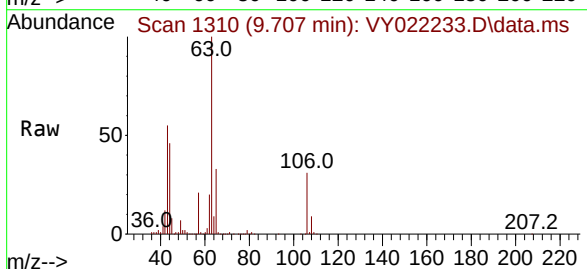
Acq: 13 May 2025 10:37

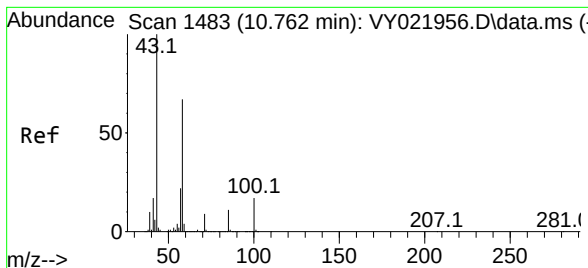
Tgt Ion: 63 Resp: 307603

Ion Ratio Lower Upper

63 100

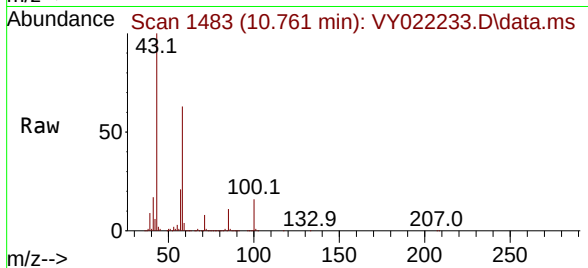
106 31.8 25.3 37.9





#59
2-Hexanone
Concen: 310.726 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY022233.D
Acq: 13 May 2025 10:37

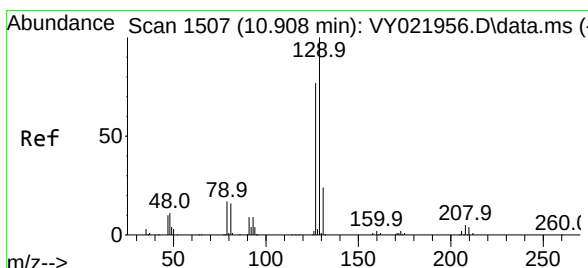
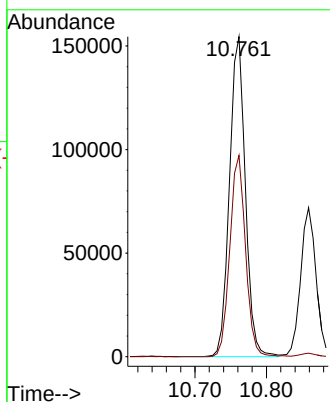
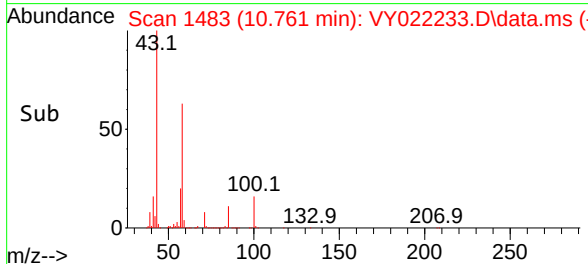
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



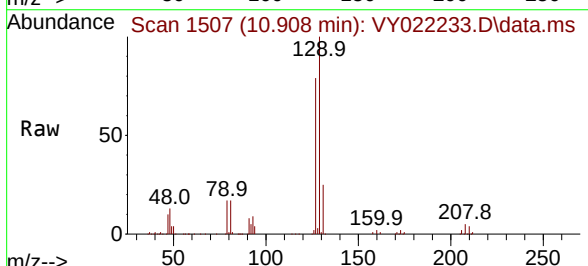
Tgt Ion: 43 Resp: 23779
Ion Ratio Lower Upper
43 100
58 62.4 32.0 96.0

Manual Integrations
APPROVED

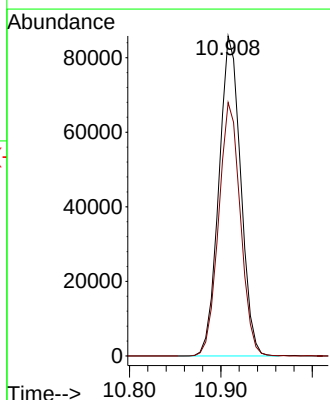
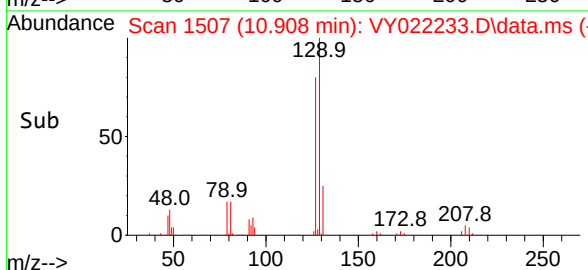
Reviewed By :Mahesh Dadoda 05/14/2025
Supervised By :Semsettin Yesilyurt 05/15/2025

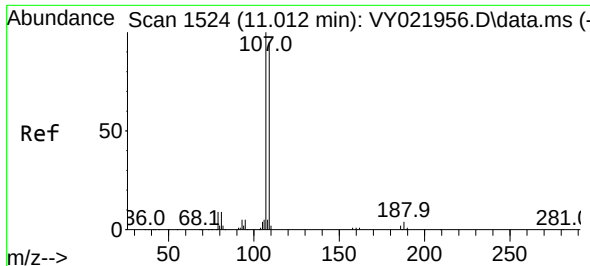


#60
Dibromochloromethane
Concen: 55.378 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VY022233.D
Acq: 13 May 2025 10:37



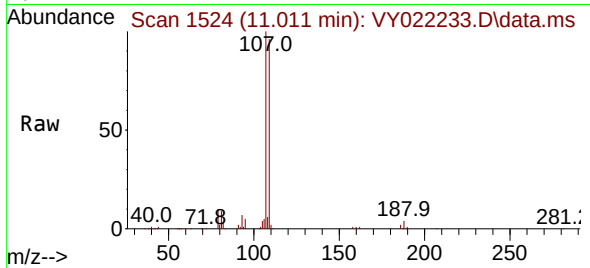
Tgt Ion:129 Resp: 142218
Ion Ratio Lower Upper
129 100
127 78.9 38.5 115.3





#61
1,2-Dibromoethane
Concen: 54.693 ug/l
RT: 11.011 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VY022233.D
Acq: 13 May 2025 10:37

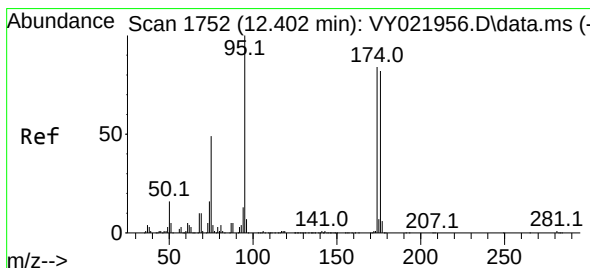
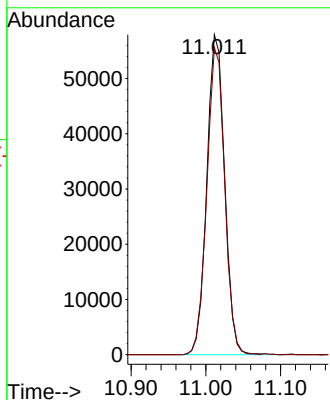
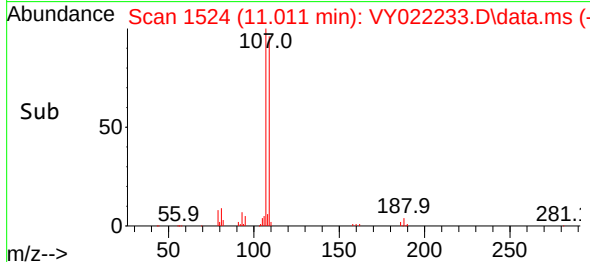
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



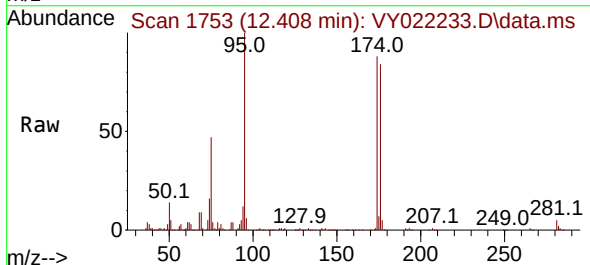
Tgt Ion:107 Resp: 95770
Ion Ratio Lower Upper
107 100
109 96.3 75.8 113.8

Manual Integrations
APPROVED

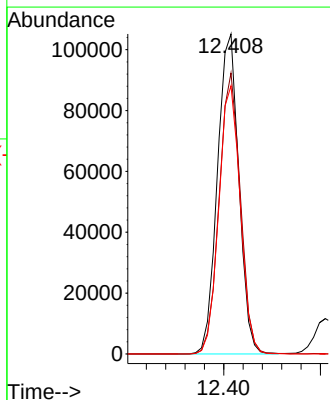
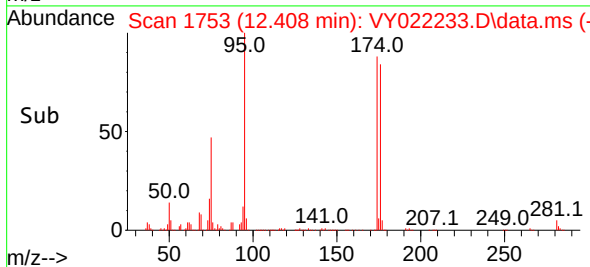
Reviewed By :Mahesh Dadoda 05/14/2025
Supervised By :Semsettin Yesilyurt 05/15/2025

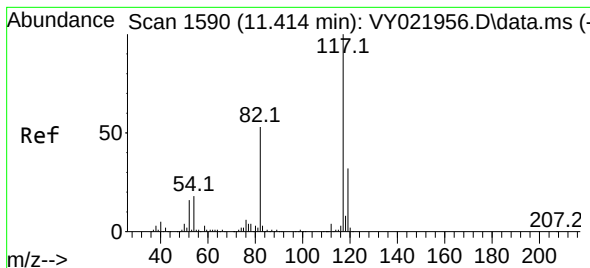


#62
4-Bromofluorobenzene
Concen: 53.146 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY022233.D
Acq: 13 May 2025 10:37



Tgt Ion: 95 Resp: 161134
Ion Ratio Lower Upper
95 100
174 87.2 0.0 179.0
176 84.1 0.0 171.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY022233.D

Acq: 13 May 2025 10:37

Instrument :

MSVOA_Y

ClientSampleId :

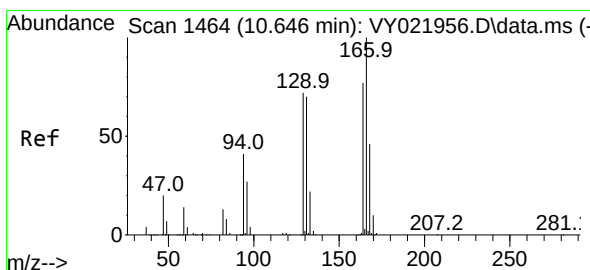
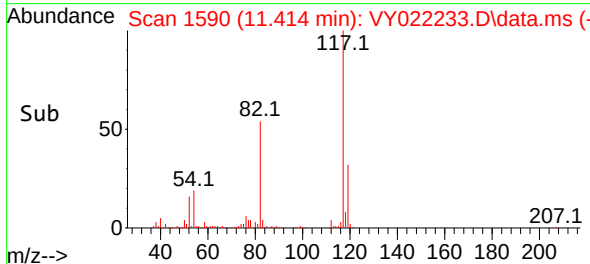
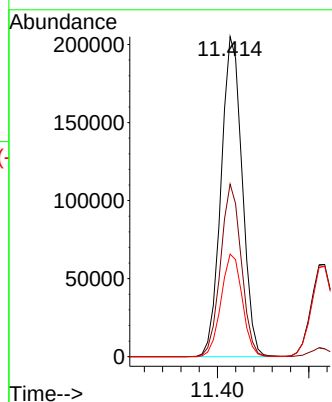
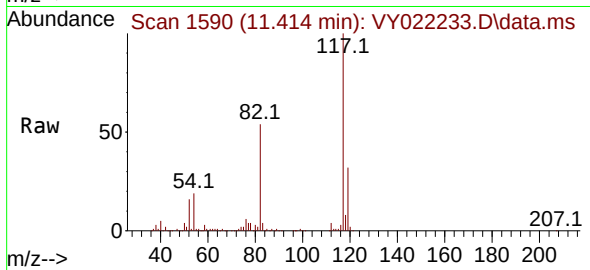
VSTDCCC050

Tgt Ion:117	Resp: 32939
Ion Ratio	Lower Upper
117 100	
82 54.0	42.1 63.1
119 32.1	25.7 38.5

Manual Integrations

APPROVED

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



#64

Tetrachloroethene

Concen: 50.709 ug/l

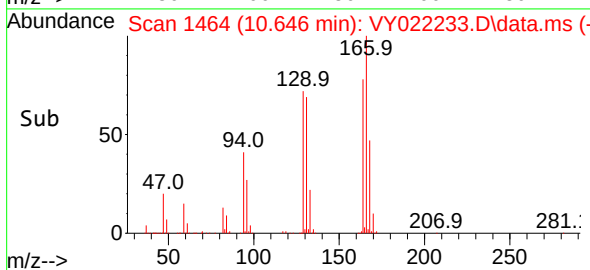
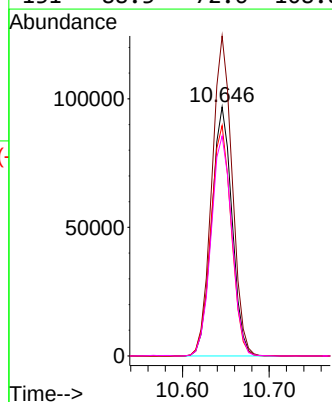
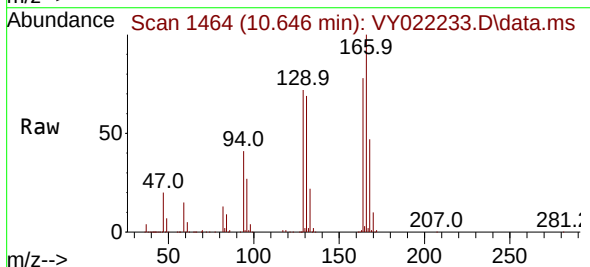
RT: 10.646 min Scan# 1464

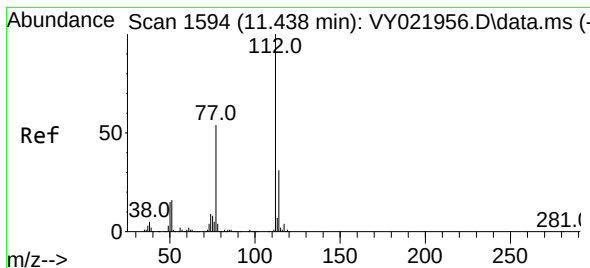
Delta R.T. -0.000 min

Lab File: VY022233.D

Acq: 13 May 2025 10:37

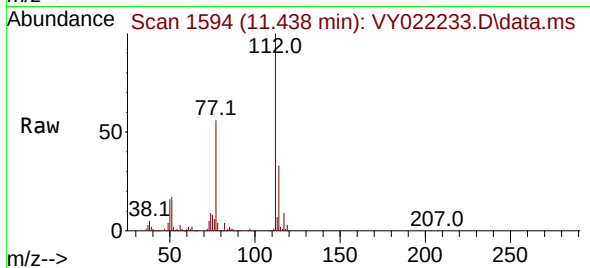
Tgt Ion:164	Resp: 157571
Ion Ratio	Lower Upper
164 100	
166 128.4	103.6 155.4
129 92.5	74.2 111.4
131 88.3	72.6 108.8





#65
Chlorobenzene
Concen: 54.250 ug/l
RT: 11.438 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022233.D
Acq: 13 May 2025 10:37

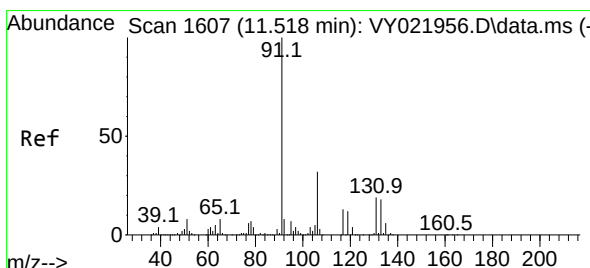
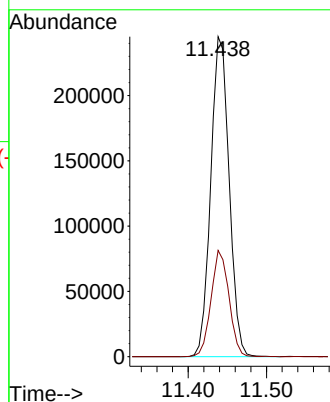
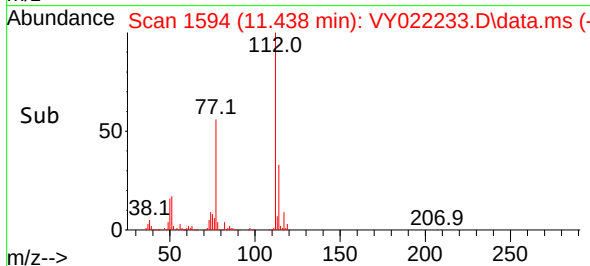
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



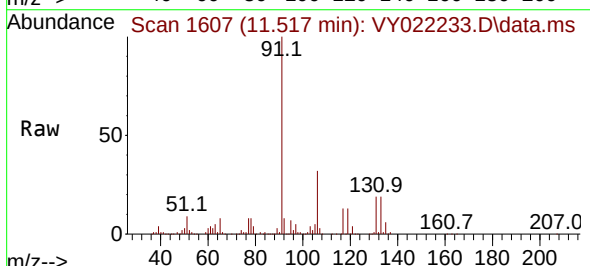
Tgt Ion:112 Resp: 39960
Ion Ratio Lower Upper
112 100
114 33.2 25.0 37.4

Manual Integrations
APPROVED

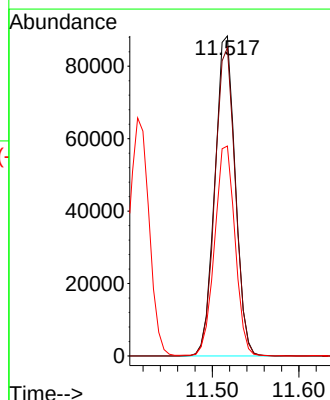
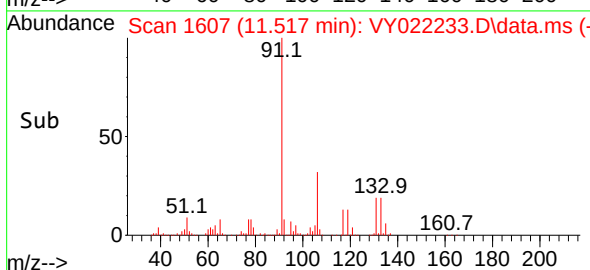
Reviewed By :Mahesh Dadoda 05/14/2025
Supervised By :Semsettin Yesilyurt 05/15/2025

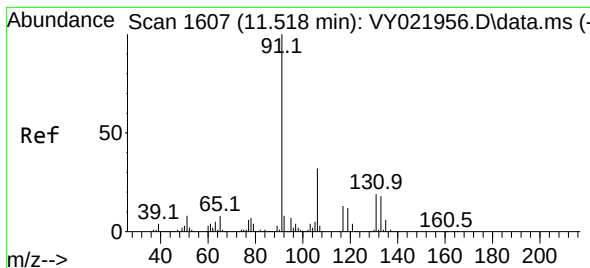


#66
1,1,1,2-Tetrachloroethane
Concen: 55.828 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022233.D
Acq: 13 May 2025 10:37



Tgt Ion:131 Resp: 144775
Ion Ratio Lower Upper
131 100
133 96.3 47.8 143.3
119 65.8 32.4 97.0





#67

Ethyl Benzene

Concen: 56.464 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. -0.000 min

Lab File: VY022233.D

Acq: 13 May 2025 10:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 680370

Ion Ratio Lower Upper

91 100

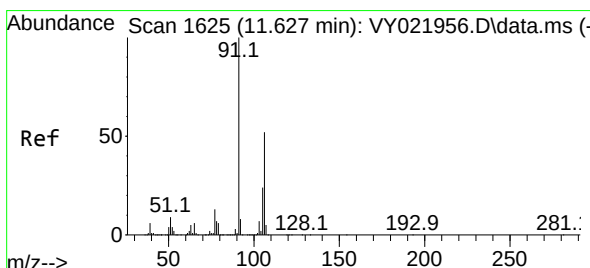
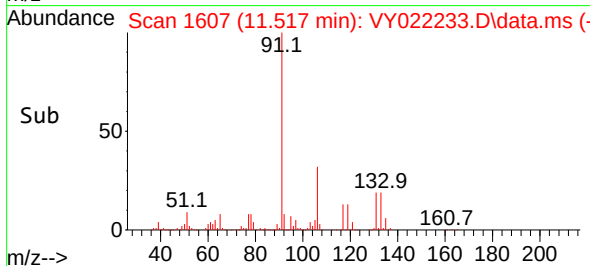
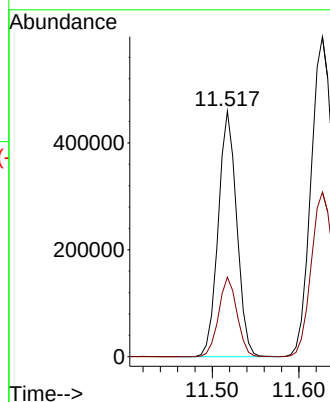
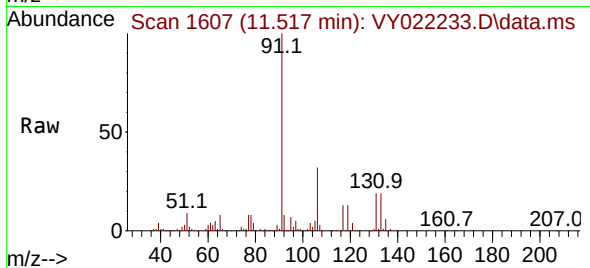
106 32.4 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/14/2025

Supervised By :Semsettin Yesilyurt 05/15/2025



#68

m/p-Xylenes

Concen: 115.406 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.000 min

Lab File: VY022233.D

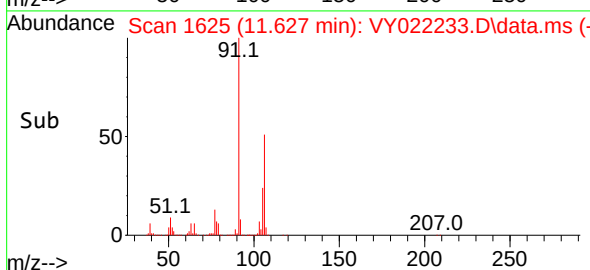
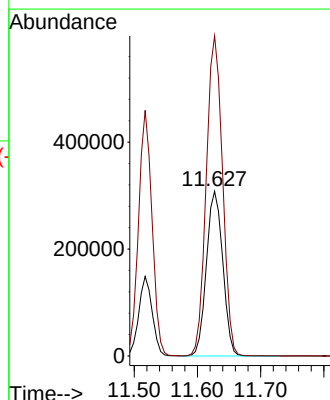
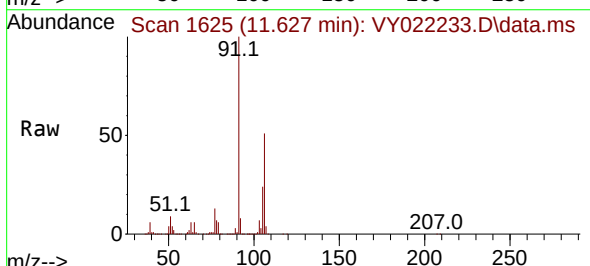
Acq: 13 May 2025 10:37

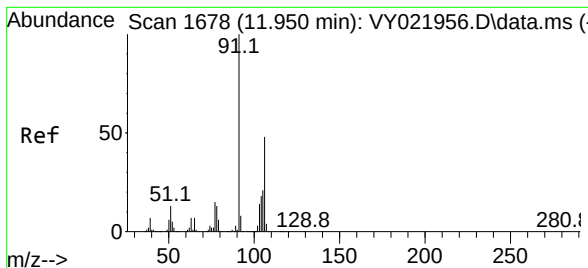
Tgt Ion:106 Resp: 553353

Ion Ratio Lower Upper

106 100

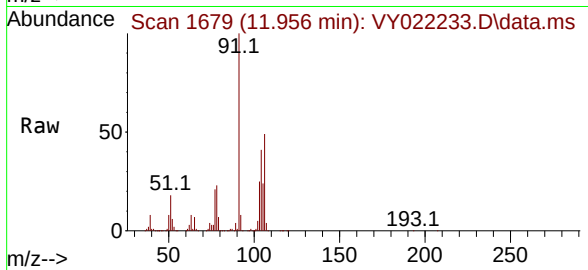
91 193.2 156.2 234.2





#69
o-Xylene
Concen: 57.887 ug/l
RT: 11.956 min Scan# 1678
Delta R.T. 0.006 min
Lab File: VY022233.D
Acq: 13 May 2025 10:37

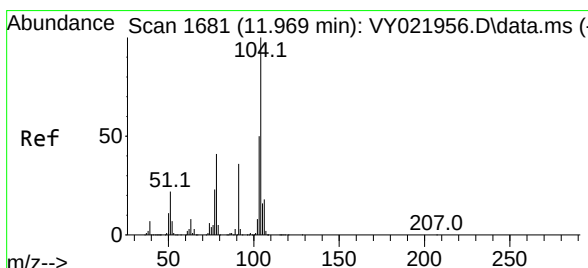
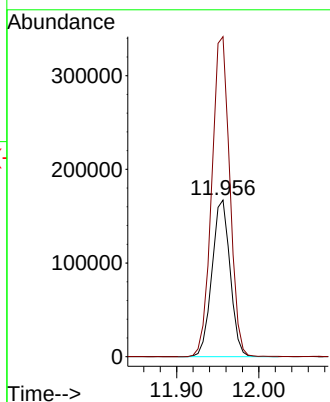
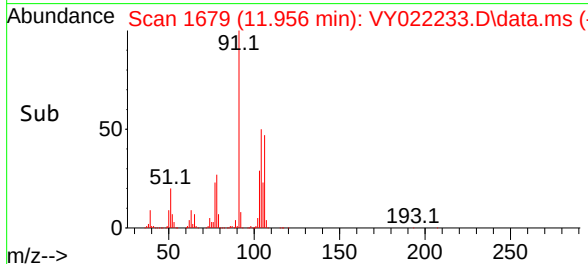
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:106 Resp: 255820
Ion Ratio Lower Upper
106 100
91 203.7 103.0 308.9

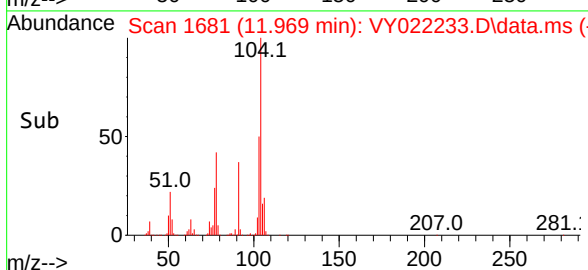
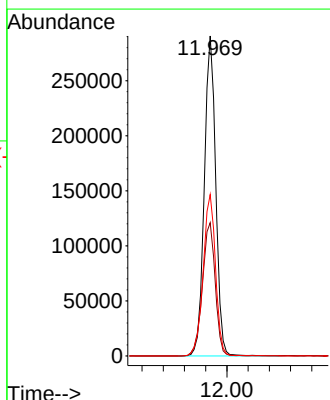
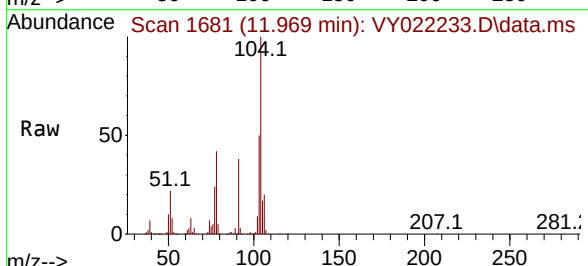
Manual Integrations
APPROVED

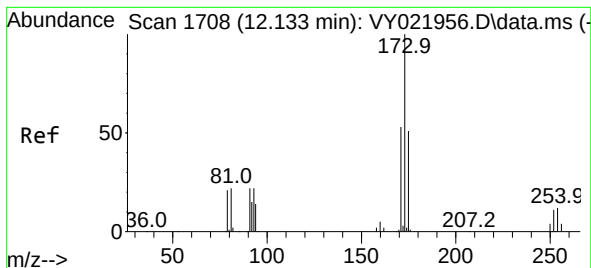
Reviewed By :Mahesh Dadoda 05/14/2025
Supervised By :Semsettin Yesilyurt 05/15/2025



#70
Styrene
Concen: 58.562 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY022233.D
Acq: 13 May 2025 10:37

Tgt Ion:104 Resp: 434539
Ion Ratio Lower Upper
104 100
78 46.5 36.6 54.8
103 54.6 43.8 65.8





#71

Bromoform

Concen: 56.018 ug/l

RT: 12.133 min Scan# 1708

Delta R.T. -0.000 min

Lab File: VY022233.D

Acq: 13 May 2025 10:37

Instrument :

MSVOA_Y

ClientSampleId :

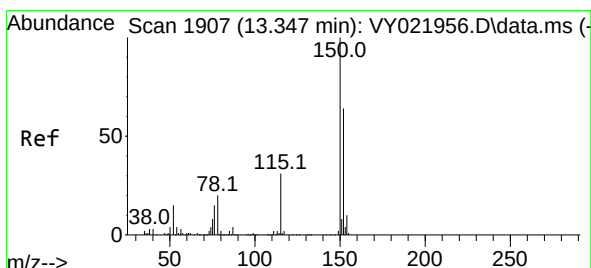
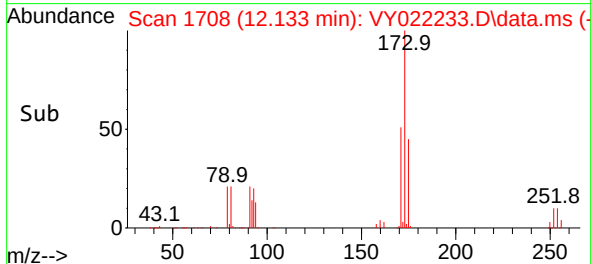
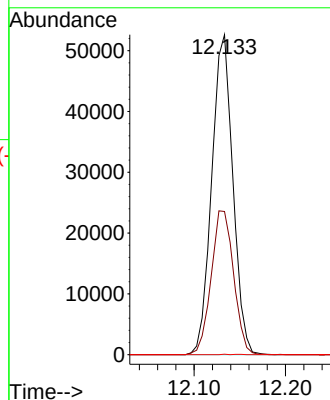
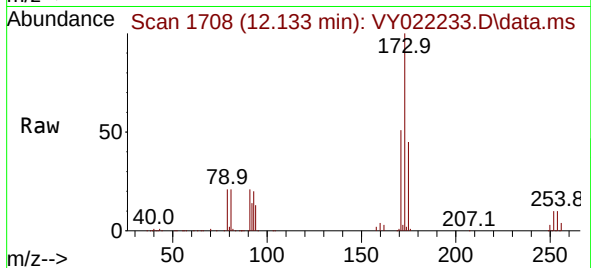
VSTDCCC050

Tgt Ion:173	Resp:	8445
Ion Ratio	Lower	Upper
173	100	
175	47.8	24.3 72.8
254	0.0	0.0 0.0

Manual Integrations

APPROVED

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

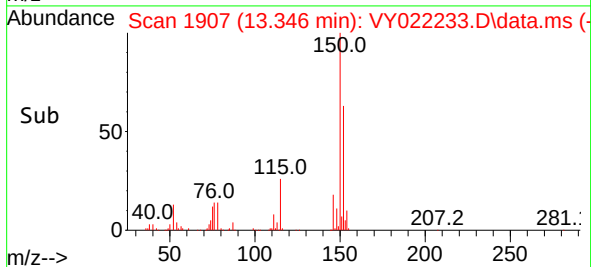
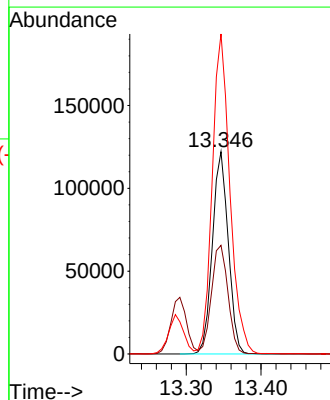
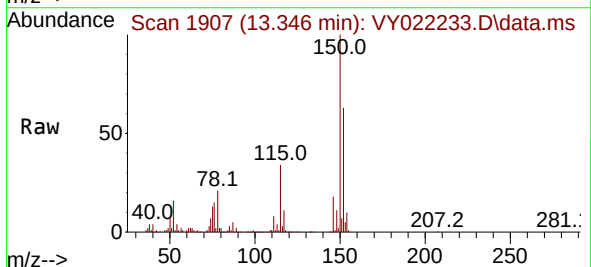
RT: 13.346 min Scan# 1907

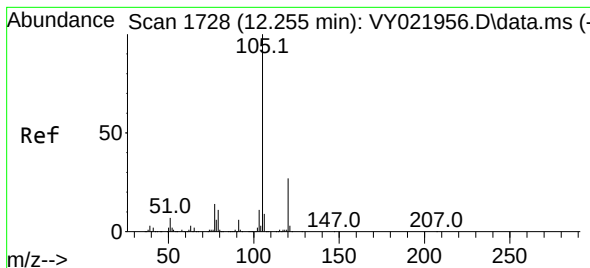
Delta R.T. -0.000 min

Lab File: VY022233.D

Acq: 13 May 2025 10:37

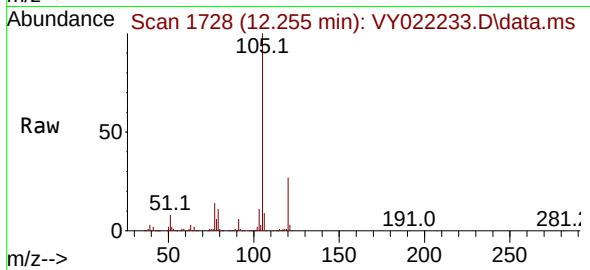
Tgt Ion:152	Resp:	180061
Ion Ratio	Lower	Upper
152	100	
115	55.9	28.0 84.0
150	175.8	0.0 345.6





#73
Isopropylbenzene
Concen: 56.239 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. -0.000 min
Lab File: VY022233.D
Acq: 13 May 2025 10:37

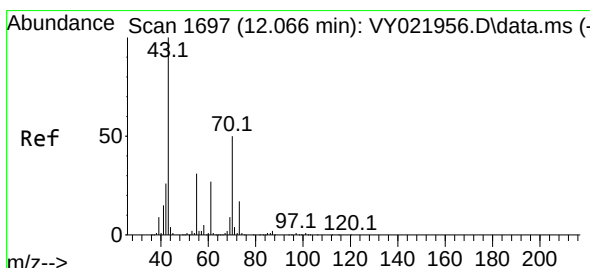
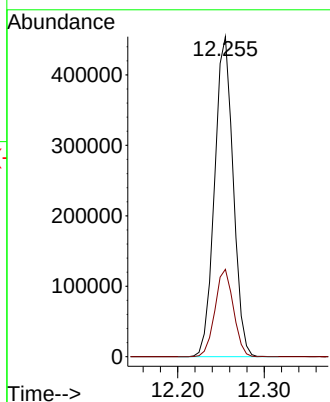
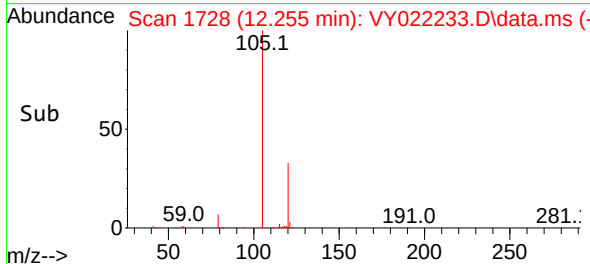
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



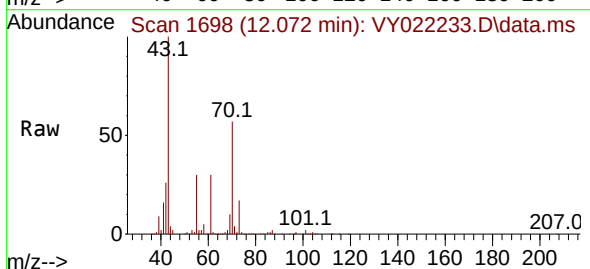
Tgt Ion:105 Resp: 676548
Ion Ratio Lower Upper
105 100
120 27.1 13.5 40.5

Manual Integrations
APPROVED

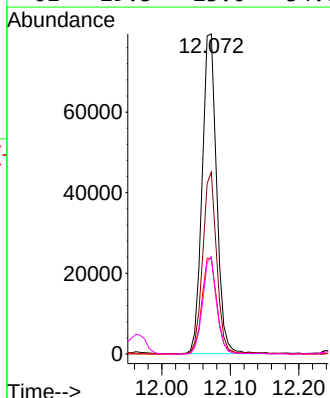
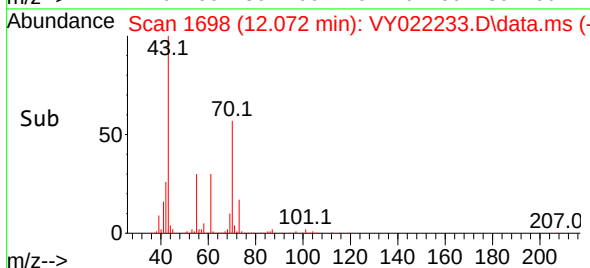
Reviewed By :Mahesh Dadoda 05/14/2025
Supervised By :Semsettin Yesilyurt 05/15/2025

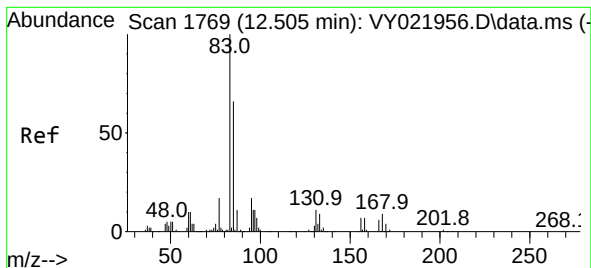


#74
N-ethyl acetate
Concen: 56.669 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VY022233.D
Acq: 13 May 2025 10:37



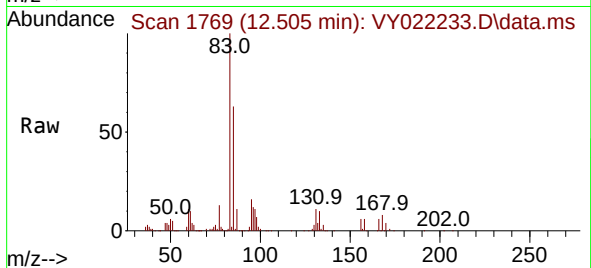
Tgt Ion: 43 Resp: 117128
Ion Ratio Lower Upper
43 100
70 55.1 43.2 64.8
55 31.5 25.7 38.5
61 29.3 23.0 34.6





#75
1,1,2,2-Tetrachloroethane
Concen: 56.379 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY022233.D
Acq: 13 May 2025 10:37

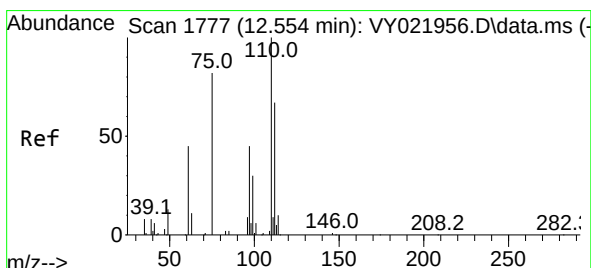
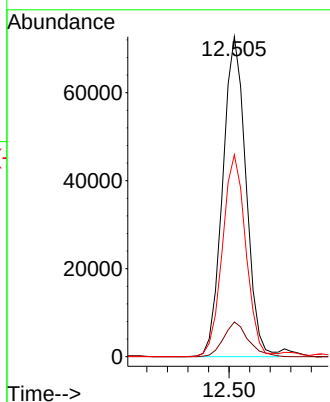
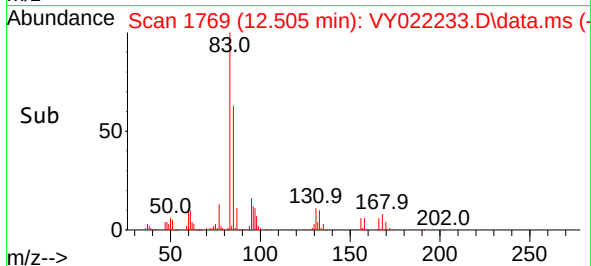
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



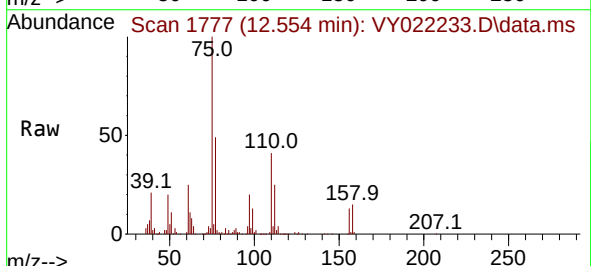
Tgt Ion: 83 Resp: 114349
Ion Ratio Lower Upper
83 100
131 11.4 5.5 16.4
85 63.5 32.3 96.8

Manual Integrations
APPROVED

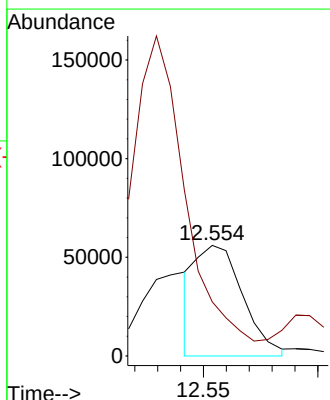
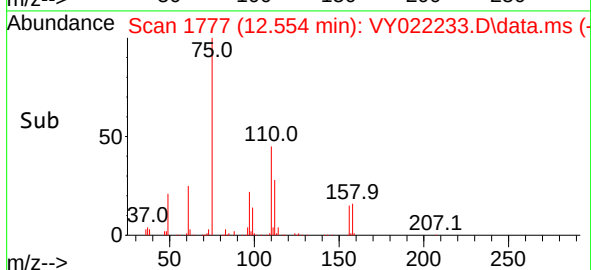
Reviewed By :Mahesh Dadoda 05/14/2025
Supervised By :Semsettin Yesilyurt 05/15/2025

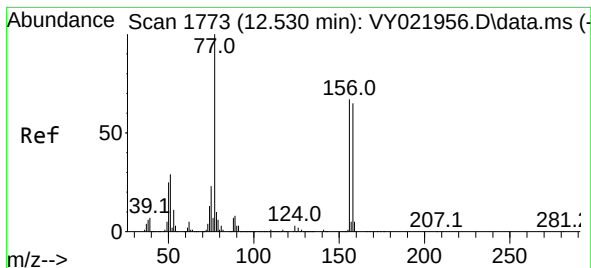


#76
1,2,3-Trichloropropane
Concen: 52.466 ug/l m
RT: 12.554 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VY022233.D
Acq: 13 May 2025 10:37



Tgt Ion: 75 Resp: 80919
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 53.820 ug/l

RT: 12.529 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VY022233.D

Acq: 13 May 2025 10:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:156 Resp: 163602

Ion Ratio Lower Upper

156 100

77 169.0 82.7 248.1

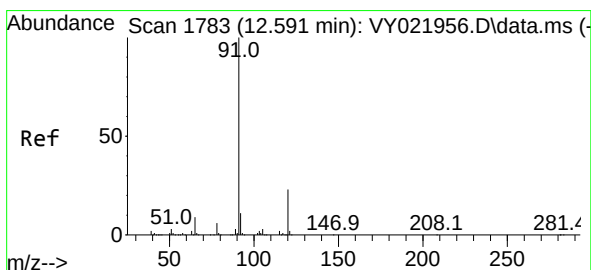
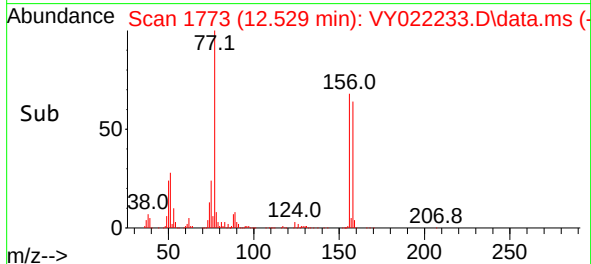
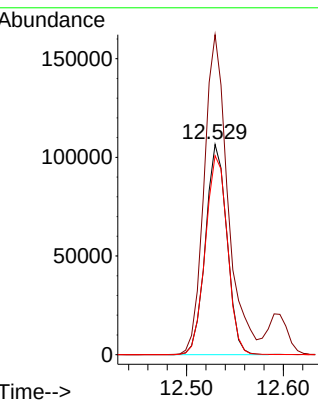
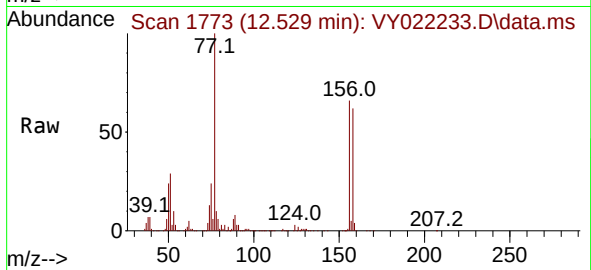
158 97.6 48.1 144.4

Manual Integrations

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Reviewed By :Mahesh Dadoda 05/14/2025

Supervised By :Semsettin Yesilyurt 05/15/2025



#78

n-propylbenzene

Concen: 56.364 ug/l

RT: 12.596 min Scan# 1784

Delta R.T. 0.006 min

Lab File: VY022233.D

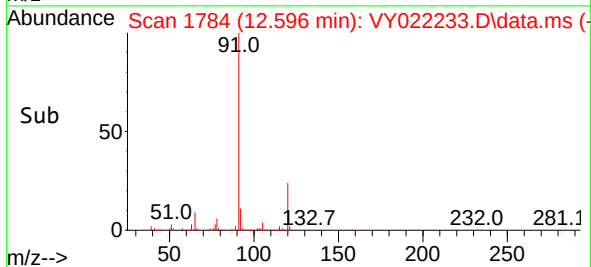
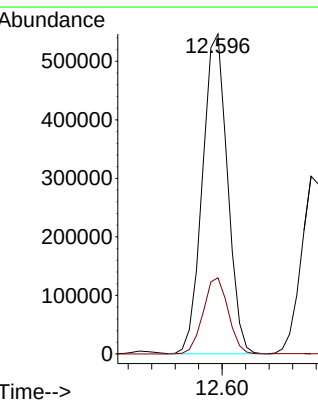
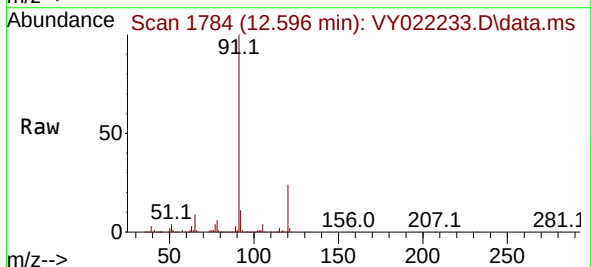
Acq: 13 May 2025 10:37

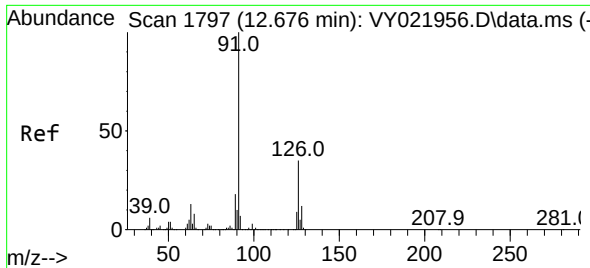
Tgt Ion: 91 Resp: 807482

Ion Ratio Lower Upper

91 100

120 23.9 11.9 35.5





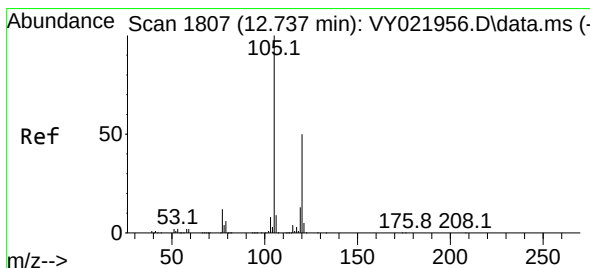
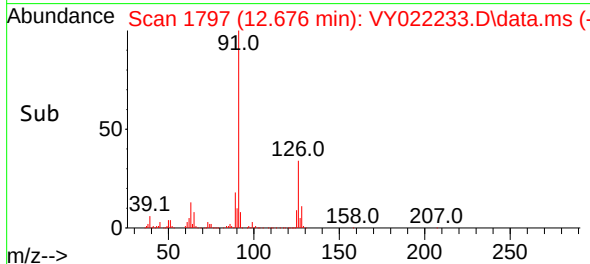
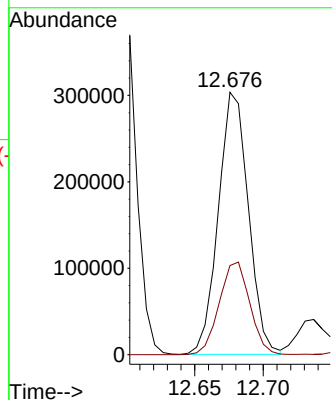
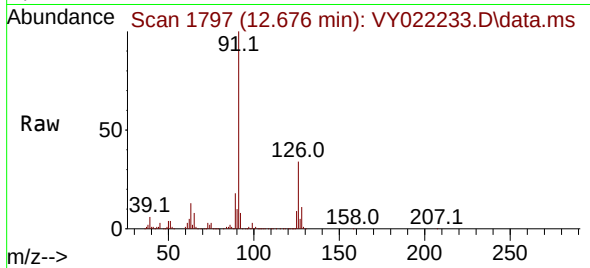
#79
2-Chlorotoluene
Concen: 55.676 ug/l
RT: 12.676 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VY022233.D
Acq: 13 May 2025 10:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 463875
Ion Ratio Lower Upper
91 100
126 35.9 17.9 53.8

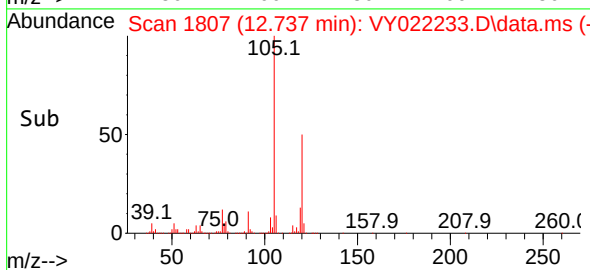
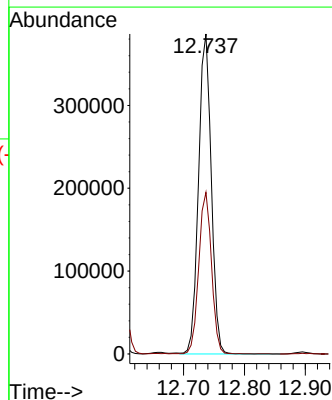
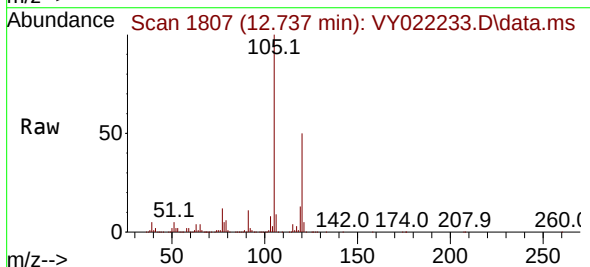
Manual Integrations
APPROVED

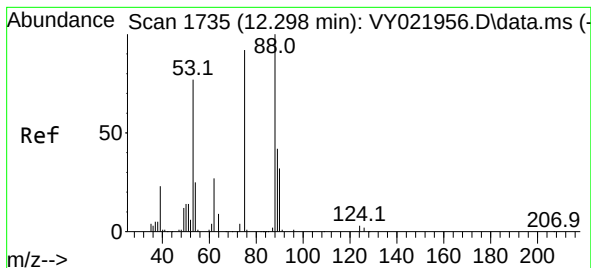
Reviewed By :Mahesh Dadoda 05/14/2025
Supervised By :Semsettin Yesilyurt 05/15/2025



#80
1,3,5-Trimethylbenzene
Concen: 56.348 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY022233.D
Acq: 13 May 2025 10:37

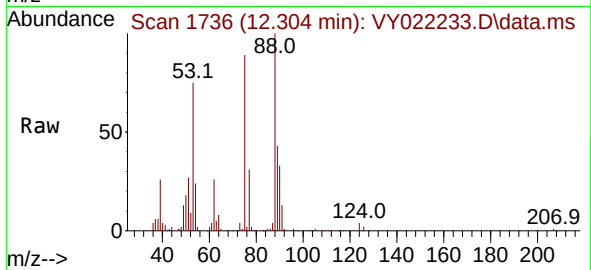
Tgt Ion:105 Resp: 558529
Ion Ratio Lower Upper
105 100
120 50.4 25.0 75.0





#81
trans-1,4-Dichloro-2-butene
Concen: 55.209 ug/l
RT: 12.304 min Scan# 1735
Delta R.T. 0.006 min
Lab File: VY022233.D
Acq: 13 May 2025 10:37

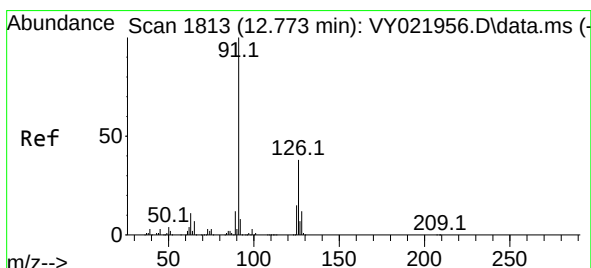
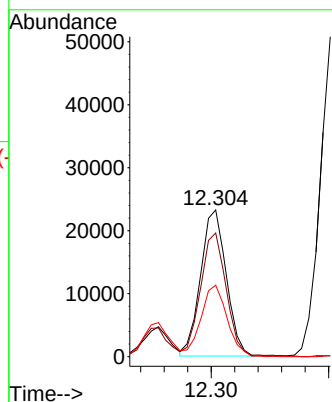
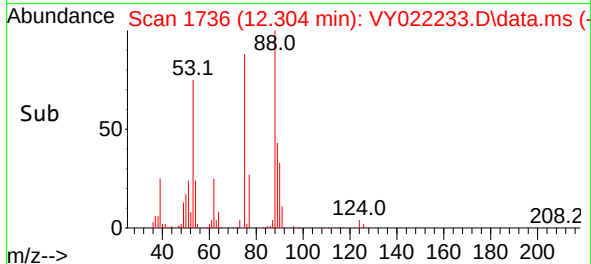
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 35359
Ion Ratio Lower Upper
75 100
53 85.3 66.0 99.0
89 49.7 37.2 55.8

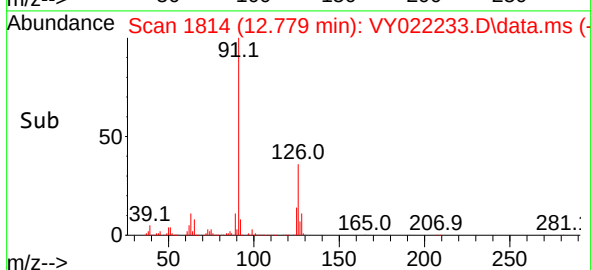
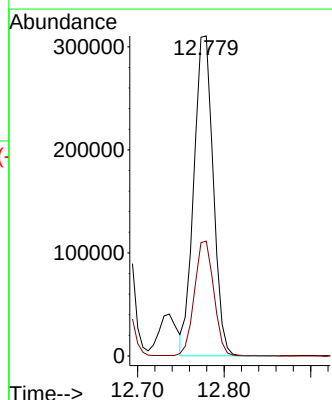
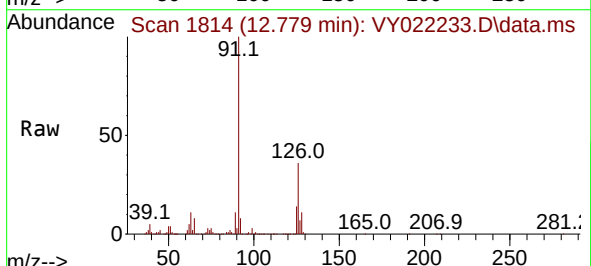
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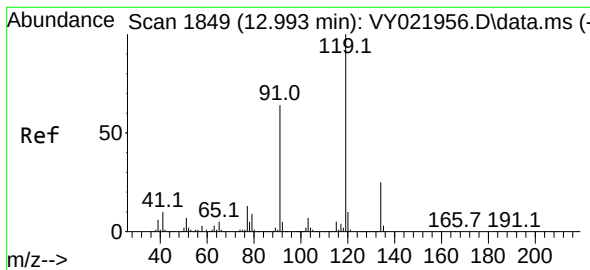
Reviewed By :Mahesh Dadoda 05/14/2025
Supervised By :Semsettin Yesilyurt 05/15/2025



#82
4-Chlorotoluene
Concen: 55.682 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY022233.D
Acq: 13 May 2025 10:37

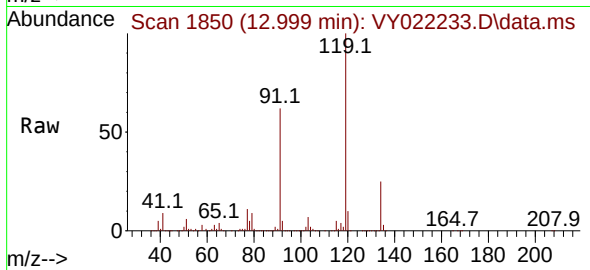
Tgt Ion: 91 Resp: 482260
Ion Ratio Lower Upper
91 100
126 36.1 17.9 53.8





#83
 tert-Butylbenzene
 Concen: 57.383 ug/l
 RT: 12.999 min Scan# 1849
 Delta R.T. 0.006 min
 Lab File: VY022233.D
 Acq: 13 May 2025 10:37

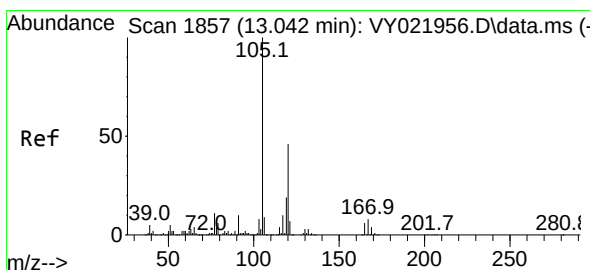
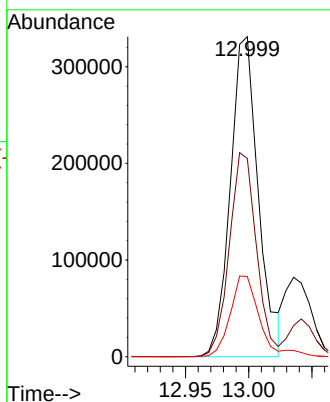
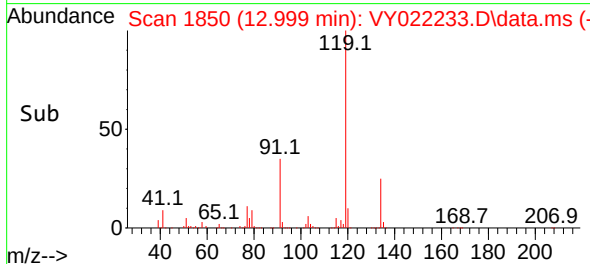
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



Tgt Ion:119 Resp: 510111
 Ion Ratio Lower Upper
 119 100
 91 61.8 30.3 90.9
 134 26.5 12.9 38.7

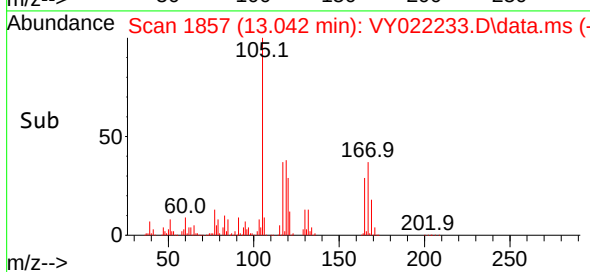
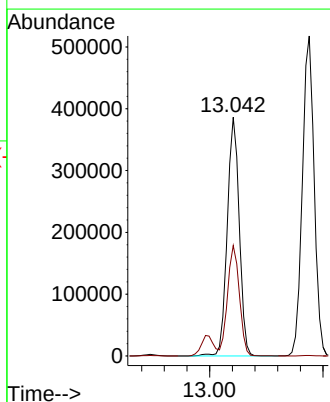
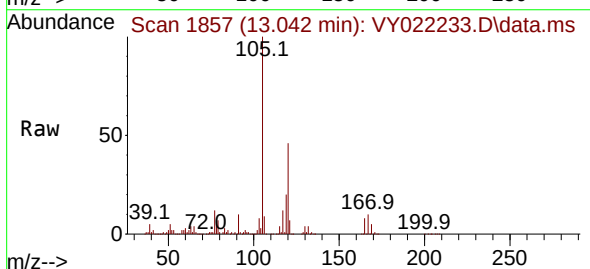
Manual Integrations
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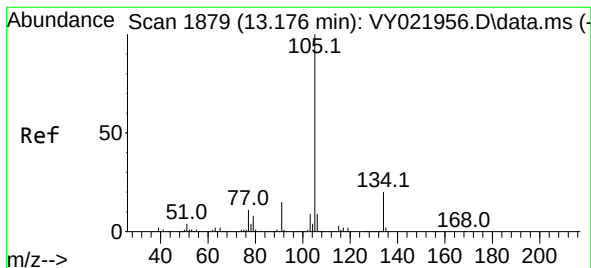
Reviewed By :Mahesh Dadoda 05/14/2025
 Supervised By :Semsettin Yesilyurt 05/15/2025



#84
 1,2,4-Trimethylbenzene
 Concen: 57.268 ug/l
 RT: 13.042 min Scan# 1857
 Delta R.T. -0.000 min
 Lab File: VY022233.D
 Acq: 13 May 2025 10:37

Tgt Ion:105 Resp: 567776
 Ion Ratio Lower Upper
 105 100
 120 45.5 23.4 70.0





#85

sec-Butylbenzene

Concen: 57.421 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. -0.000 min

Lab File: VY022233.D

Acq: 13 May 2025 10:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 74695

Ion Ratio Lower Upper

105 100

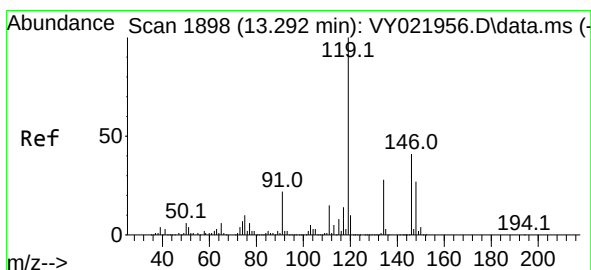
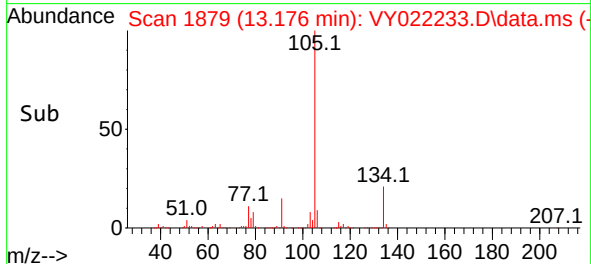
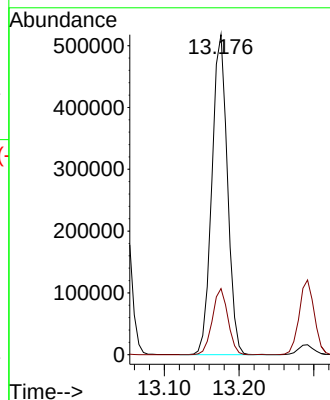
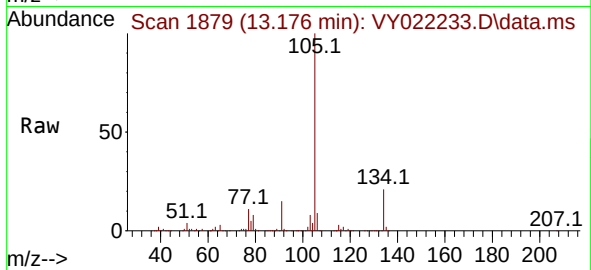
134 20.7 10.3 30.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/14/2025

Supervised By :Semsettin Yesilyurt 05/15/2025



#86

p-Isopropyltoluene

Concen: 57.179 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. -0.000 min

Lab File: VY022233.D

Acq: 13 May 2025 10:37

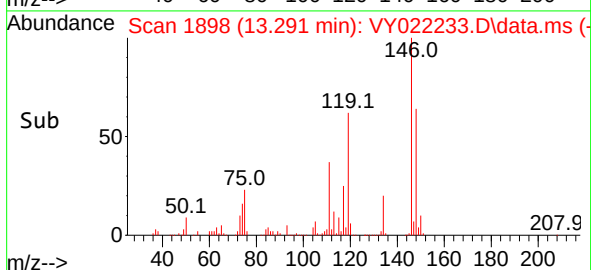
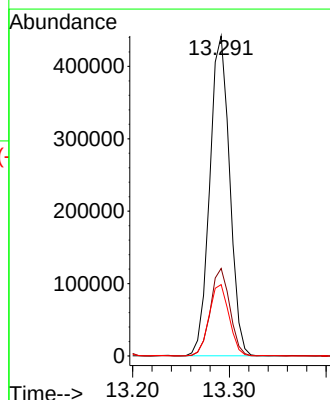
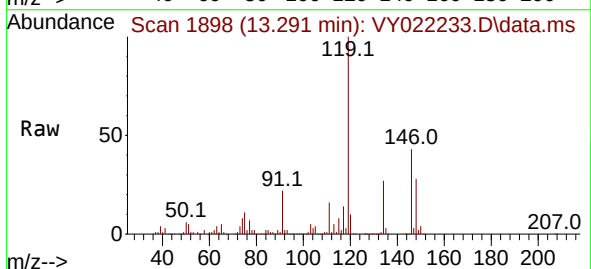
Tgt Ion:119 Resp: 631593

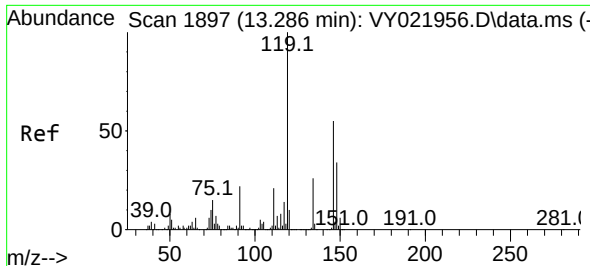
Ion Ratio Lower Upper

119 100

134 26.9 13.6 40.7

91 22.4 11.0 33.0





#87

1,3-Dichlorobenzene

Concen: 53.889 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. -0.000 min

Lab File: VY022233.D

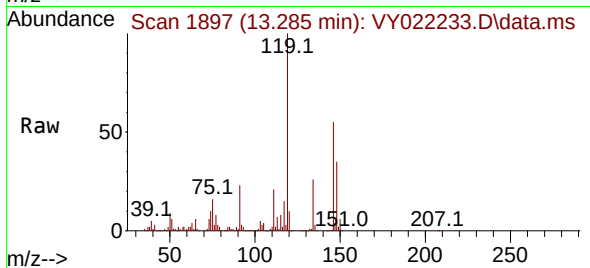
Acq: 13 May 2025 10:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

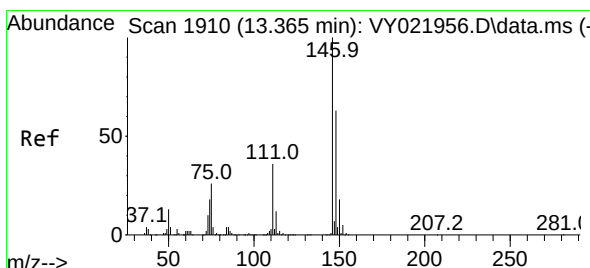
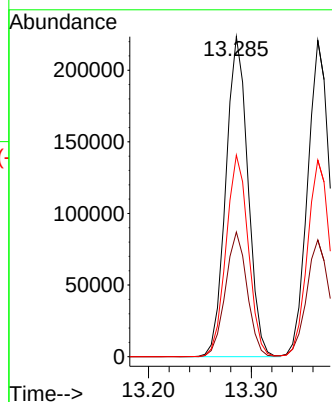
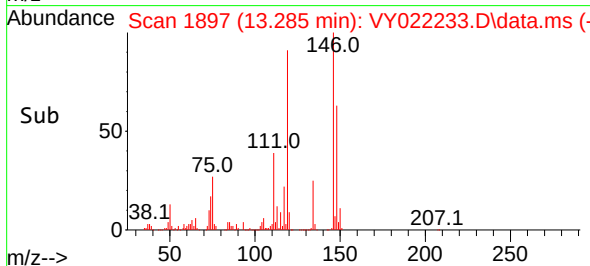


Tgt Ion:	146	Resp:	33270
Ion Ratio	Lower	Upper	
146	100		
111	38.2	19.1	57.5
148	63.2	32.0	96.2

Manual Integrations

APPROVED

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



#88

1,4-Dichlorobenzene

Concen: 53.917 ug/l

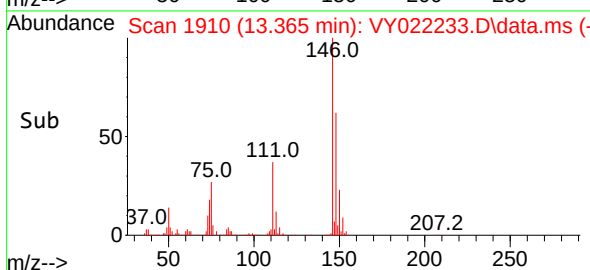
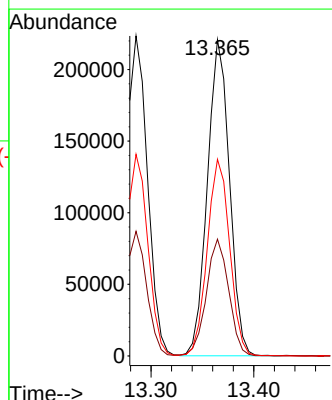
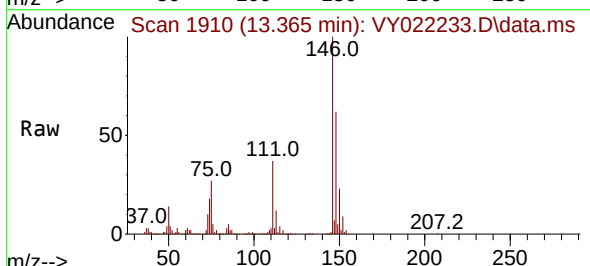
RT: 13.365 min Scan# 1910

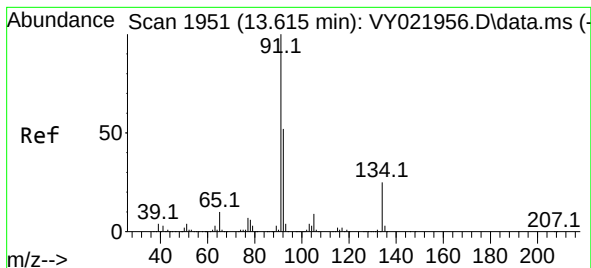
Delta R.T. -0.000 min

Lab File: VY022233.D

Acq: 13 May 2025 10:37

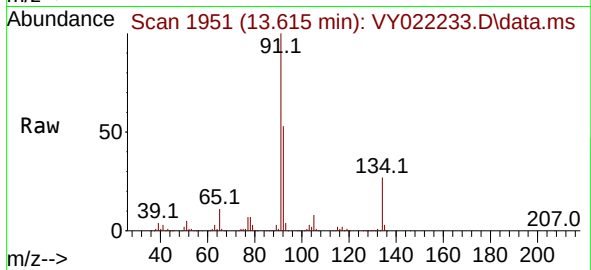
Tgt Ion:	146	Resp:	329686
Ion Ratio	Lower	Upper	
146	100		
111	37.4	19.2	57.6
148	63.3	32.0	96.0





#89
n-Butylbenzene
Concen: 57.172 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. -0.000 min
Lab File: VY022233.D
Acq: 13 May 2025 10:37

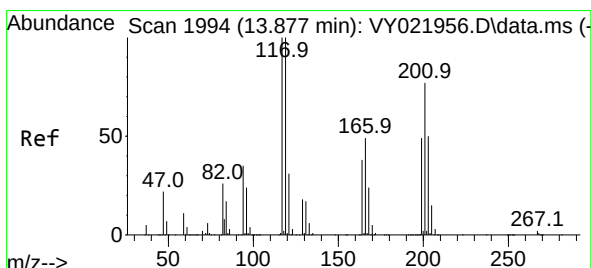
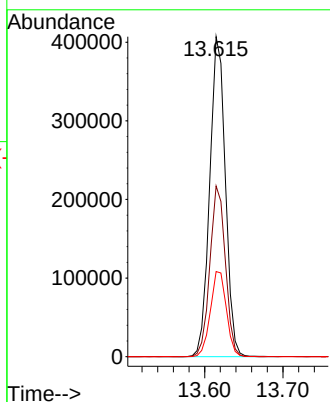
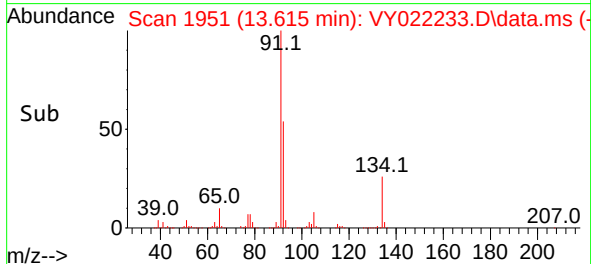
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 564469
Ion Ratio Lower Upper
91 100
92 52.8 26.5 79.5
134 27.3 13.4 40.1

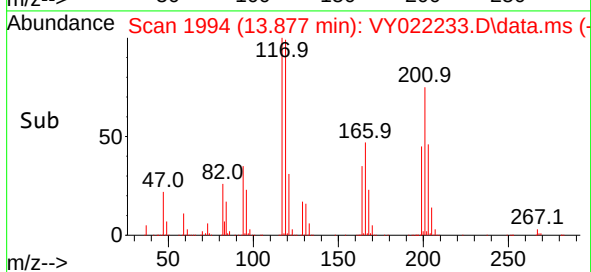
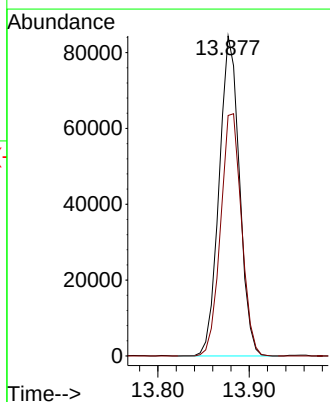
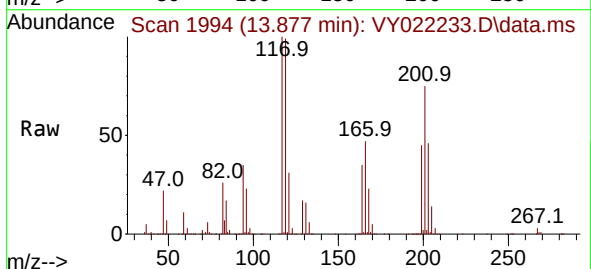
Manual Integrations
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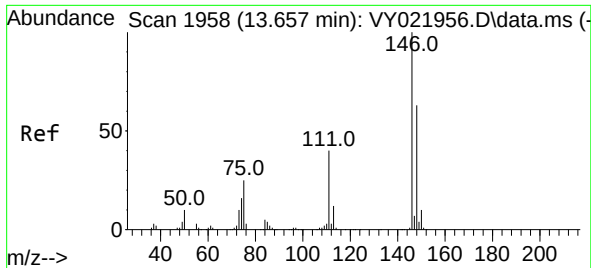
Reviewed By :Mahesh Dadoda 05/14/2025
Supervised By :Semsettin Yesilyurt 05/15/2025



#90
Hexachloroethane
Concen: 53.714 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. -0.000 min
Lab File: VY022233.D
Acq: 13 May 2025 10:37

Tgt Ion:117 Resp: 130358
Ion Ratio Lower Upper
117 100
201 78.0 38.7 116.1





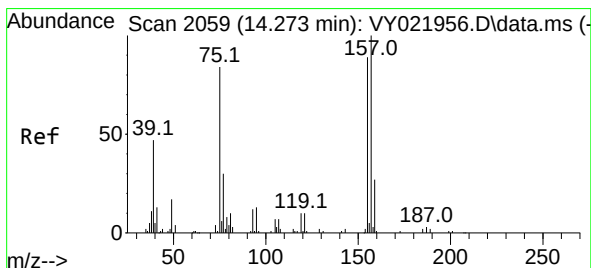
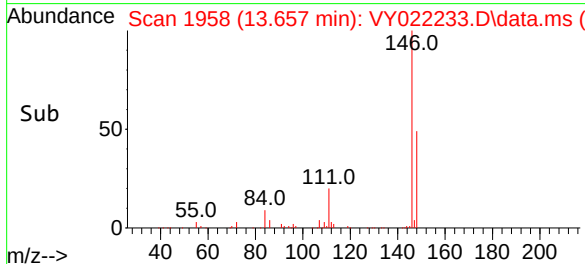
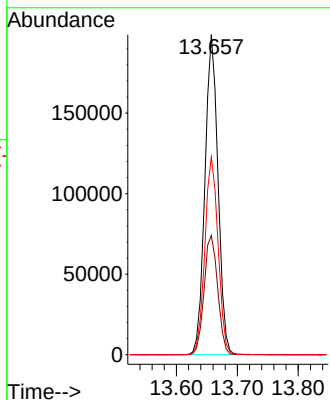
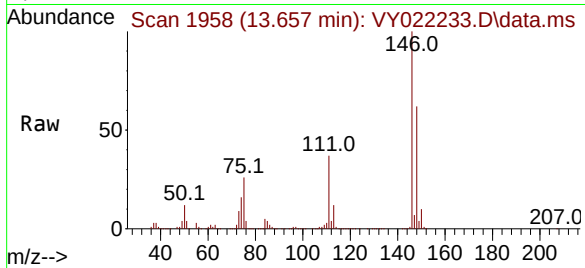
#91
1,2-Dichlorobenzene
Concen: 55.006 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. -0.000 min
Lab File: VY022233.D
Acq: 13 May 2025 10:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 29620
Ion Ratio Lower Upper
146 100
111 38.8 19.7 59.1
148 62.6 32.1 96.3

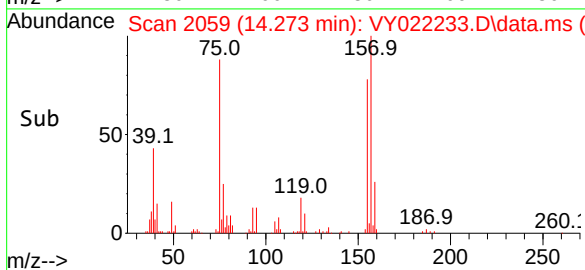
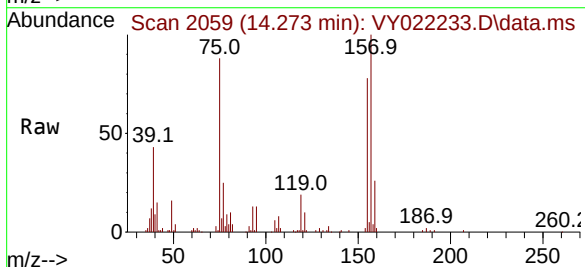
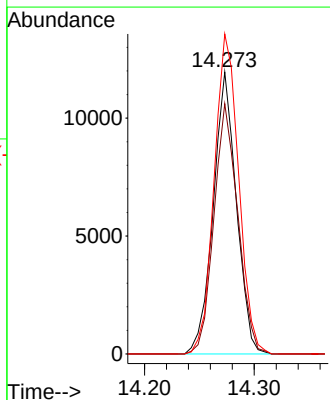
Manual Integrations
APPROVED

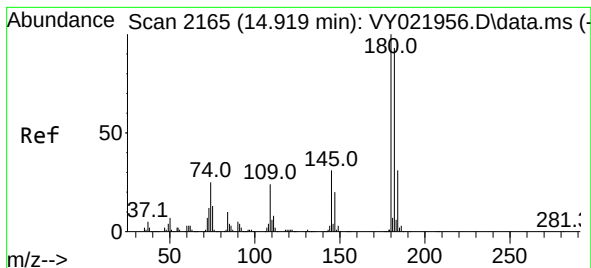
Reviewed By :Mahesh Dadoda 05/14/2025
Supervised By :Semsettin Yesilyurt 05/15/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 54.385 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.000 min
Lab File: VY022233.D
Acq: 13 May 2025 10:37

Tgt Ion: 75 Resp: 17549
Ion Ratio Lower Upper
75 100
155 91.6 50.7 152.3
157 119.7 62.6 187.8





#93

1,2,4-Trichlorobenzene

Concen: 54.965 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY022233.D

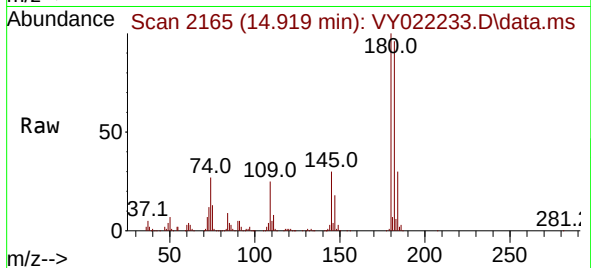
Acq: 13 May 2025 10:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

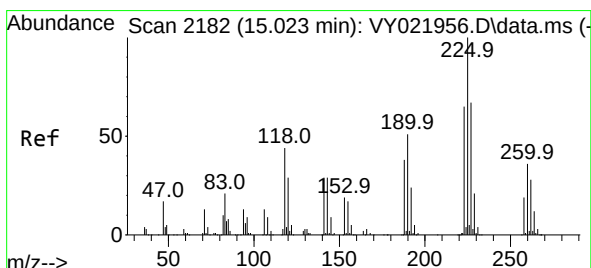
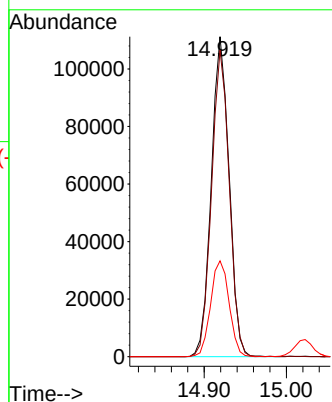
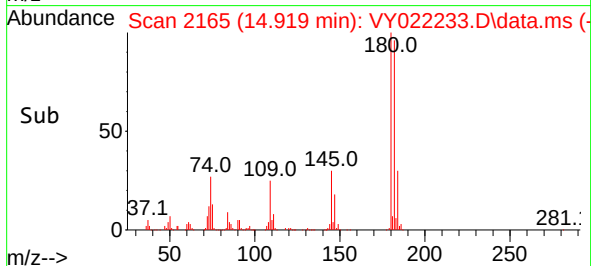


Tgt Ion:180	Resp:	16772
Ion Ratio	Lower	Upper
180	100	
182	95.1	47.1 141.4
145	31.0	15.0 45.0

Manual Integrations

APPROVED

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



#94

Hexachlorobutadiene

Concen: 54.694 ug/l

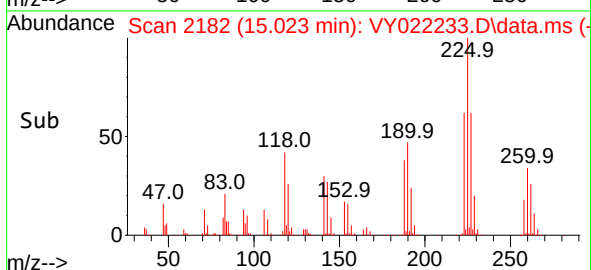
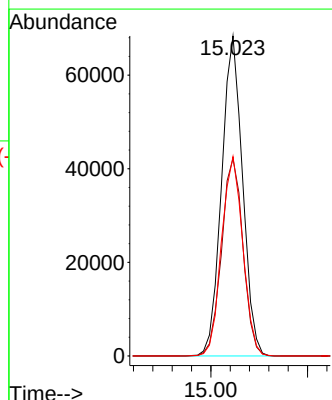
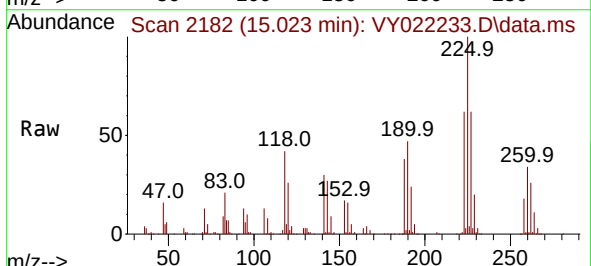
RT: 15.023 min Scan# 2182

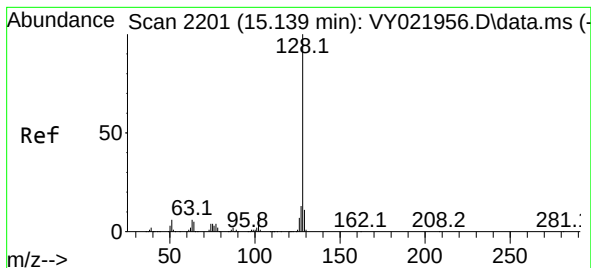
Delta R.T. -0.000 min

Lab File: VY022233.D

Acq: 13 May 2025 10:37

Tgt Ion:225	Resp:	102686
Ion Ratio	Lower	Upper
225	100	
223	63.0	31.9 95.5
227	63.1	32.3 96.9





#95

Naphthalene

Concen: 56.298 ug/l

RT: 15.145 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY022233.D

Acq: 13 May 2025 10:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:128 Resp: 285374

Ion Ratio Lower Upper

128 100

127 13.1 10.6 16.0

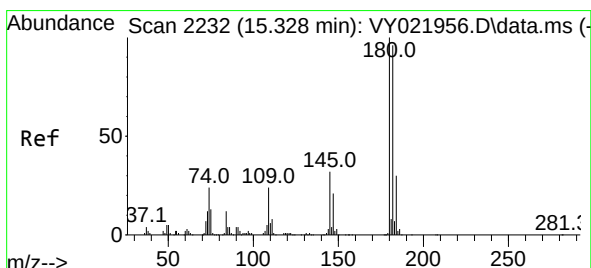
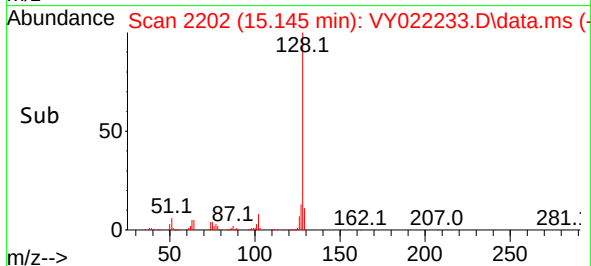
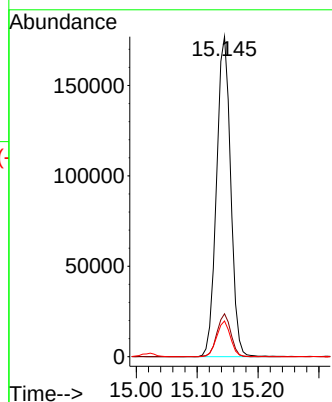
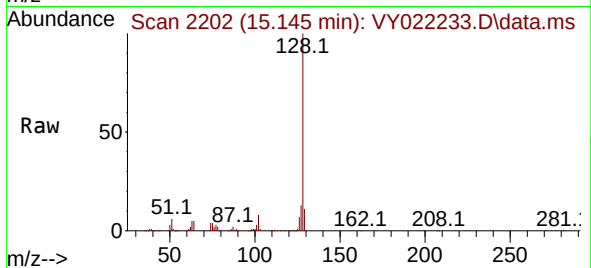
129 10.9 8.9 13.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/14/2025

Supervised By :Semsettin Yesilyurt 05/15/2025



#96

1,2,3-Trichlorobenzene

Concen: 55.371 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY022233.D

Acq: 13 May 2025 10:37

Tgt Ion:180 Resp: 145849

Ion Ratio Lower Upper

180 100

182 93.9 48.1 144.4

145 31.8 16.0 48.0

