

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042925\
 Data File : VY022046.D
 Acq On : 29 Apr 2025 09:28
 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 : Semsettin Yesilyurt 04/30/2025
 Supervised By : Mahesh Dadoda 04/30/2025

Quant Time: Apr 30 01:32:06 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	330337	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	485397	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	453549	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	245911	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	132828	43.532	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	87.060%		
35) Dibromofluoromethane	7.634	113	152279	47.486	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	94.980%		
50) Toluene-d8	10.109	98	583606	48.273	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	96.540%		
62) 4-Bromofluorobenzene	12.408	95	195893	48.133	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	96.260%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	122464	43.507	ug/l	99
3) Chloromethane	2.068	50	175705	43.839	ug/l	99
4) Vinyl Chloride	2.202	62	219850	44.638	ug/l	99
5) Bromomethane	2.598	94	169641	39.979	ug/l	95
6) Chloroethane	2.732	64	141865	42.293	ug/l	98
7) Trichlorofluoromethane	3.056	101	282628	43.517	ug/l	97
8) Diethyl Ether	3.452	74	71445	42.265	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.818	101	153834	43.664	ug/l	99
10) Methyl Iodide	4.001	142	189693	46.504	ug/l	100
11) Tert butyl alcohol	4.872	59	37456	223.602	ug/l	99
12) 1,1-Dichloroethene	3.787	96	145943	44.442	ug/l	98
13) Acrolein	3.653	56	70343	233.968	ug/l	98
14) Allyl chloride	4.385	41	165590	43.306	ug/l	99
15) Acrylonitrile	5.061	53	138019	223.027	ug/l	99
16) Acetone	3.873	43	107650	271.364	ug/l	93
17) Carbon Disulfide	4.104	76	451363	43.107	ug/l	99
18) Methyl Acetate	4.391	43	68974	48.392	ug/l	99
19) Methyl tert-butyl Ether	5.116	73	333065	45.315	ug/l	97
20) Methylene Chloride	4.616	84	154498	40.043	ug/l	98
21) trans-1,2-Dichloroethene	5.116	96	161542	43.924	ug/l	98
22) Diisopropyl ether	6.019	45	382029	44.895	ug/l	99
23) Vinyl Acetate	5.958	43	1039804	226.736	ug/l	99
24) 1,1-Dichloroethane	5.915	63	256272	43.448	ug/l	99
25) 2-Butanone	6.896	43	161708	232.499	ug/l	99
26) 2,2-Dichloropropane	6.884	77	234207	45.304	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	184250	44.805	ug/l	99
28) Bromochloromethane	7.244	49	106431	46.456	ug/l	97
29) Tetrahydrofuran	7.262	42	104861	232.133	ug/l	97
30) Chloroform	7.421	83	289823	44.298	ug/l	99
31) Cyclohexane	7.701	56	218435	43.306	ug/l	98
32) 1,1,1-Trichloroethane	7.616	97	260780	44.057	ug/l	99
36) 1,1-Dichloropropene	7.835	75	200053	46.442	ug/l	99
37) Ethyl Acetate	6.988	43	73636	47.597	ug/l	99
38) Carbon Tetrachloride	7.817	117	247130	48.012	ug/l	97
39) Methylcyclohexane	9.109	83	256540	47.325	ug/l	97
40) Benzene	8.079	78	631609	46.906	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	35008	41.395	ug/l #	84
42) 1,2-Dichloroethane	8.158	62	154947	46.477	ug/l	99
43) Isopropyl Acetate	8.195	43	137822	46.389	ug/l #	85
44) Trichloroethene	8.866	130	174874	46.887	ug/l	98
45) 1,2-Dichloropropane	9.140	63	139252	46.764	ug/l	99
46) Dibromomethane	9.231	93	87764	47.082	ug/l	99
47) Bromodichloromethane	9.426	83	221624	47.592	ug/l	99
48) Methyl methacrylate	9.219	41	67675	49.274	ug/l	98
49) 1,4-Dioxane	9.231	88	19815	997.336	ug/l	91
51) 4-Methyl-2-Pentanone	9.999	43	390782	250.912	ug/l	100
52) Toluene	10.170	92	422459	48.468	ug/l	98
53) t-1,3-Dichloropropene	10.396	75	190842	47.779	ug/l	98
54) cis-1,3-Dichloropropene	9.859	75	224035	47.184	ug/l	99
55) 1,1,2-Trichloroethane	10.573	97	119964	48.179	ug/l	97
56) Ethyl methacrylate	10.438	69	142098	49.904	ug/l	99
57) 1,3-Dichloropropane	10.719	76	191688	48.021	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	367778	264.171	ug/l	99
59) 2-Hexanone	10.762	43	264521	257.500	ug/l	100
60) Dibromochloromethane	10.914	129	169164	49.071	ug/l	100
61) 1,2-Dibromoethane	11.018	107	114653	48.774	ug/l	99
64) Tetrachloroethene	10.646	164	203863	47.647	ug/l	97
65) Chlorobenzene	11.444	112	468931	46.234	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.518	131	166562	46.647	ug/l	99
67) Ethyl Benzene	11.524	91	791052	47.678	ug/l	100
68) m/p-Xylenes	11.627	106	645425	97.760	ug/l	99
69) o-Xylene	11.956	106	294487	48.395	ug/l	98
70) Styrene	11.969	104	503254	49.256	ug/l	99
71) Bromoform	12.133	173	101395	48.842	ug/l #	99
73) Isopropylbenzene	12.255	105	775025	47.173	ug/l	99
74) N-amyl acetate	12.072	43	128926	45.674	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.505	83	127155	45.905	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	99193m	47.092	ug/l	
77) Bromobenzene	12.536	156	195202	47.020	ug/l	98
78) n-propylbenzene	12.597	91	925377	47.296	ug/l	100
79) 2-Chlorotoluene	12.682	91	525989	46.226	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	647472	47.830	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	40197	45.956	ug/l	99
82) 4-Chlorotoluene	12.779	91	555774	46.986	ug/l	100
83) tert-Butylbenzene	12.999	119	573871	47.269	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	648390	47.887	ug/l	99
85) sec-Butylbenzene	13.176	105	843779	47.496	ug/l	100
86) p-Isopropyltoluene	13.292	119	728842	48.314	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	390607	46.325	ug/l	100
88) 1,4-Dichlorobenzene	13.371	146	386869	46.327	ug/l	98
89) n-Butylbenzene	13.621	91	630349	46.748	ug/l	99
90) Hexachloroethane	13.883	117	150746	45.482	ug/l	98
91) 1,2-Dichlorobenzene	13.663	146	338387	46.013	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	19628	44.539	ug/l	97
93) 1,2,4-Trichlorobenzene	14.919	180	197372	47.361	ug/l	99
94) Hexachlorobutadiene	15.023	225	118961	46.396	ug/l	99
95) Naphthalene	15.145	128	337462	48.746	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	172242	47.880	ug/l	99

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QLast Update : Wed Apr 23 02:30:30 2025
Response via : Initial Calibration

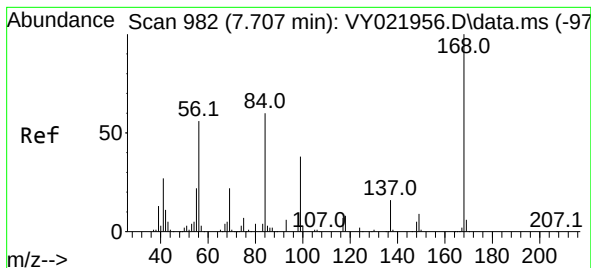
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations APPROVED

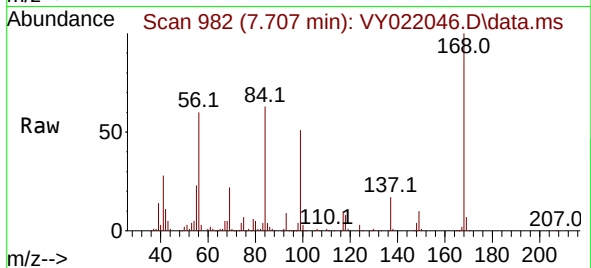
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022046.D
Acq: 29 Apr 2025 09:28

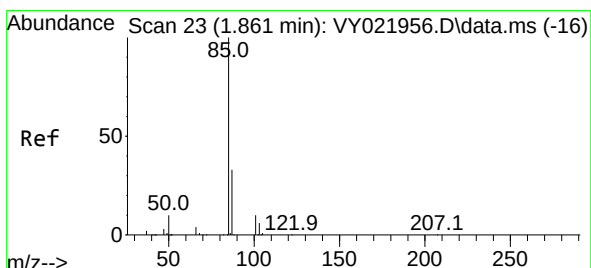
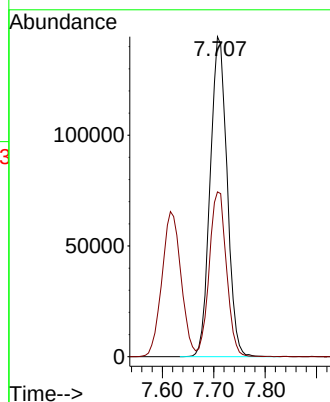
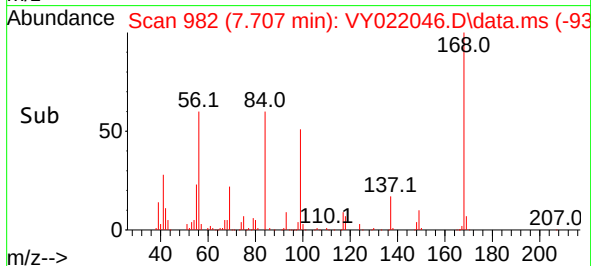
Instrument :
MSVOA_Y
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VSTDCCC050



Tgt Ion:168 Resp: 33033
Ion Ratio Lower Upper
168 100
99 51.4 43.1 64.7

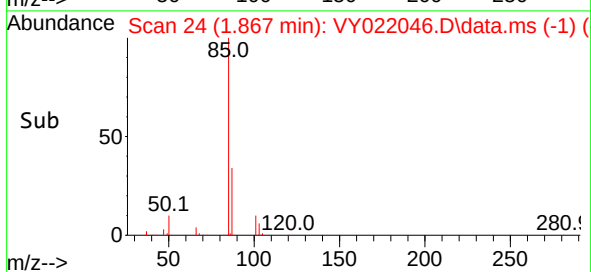
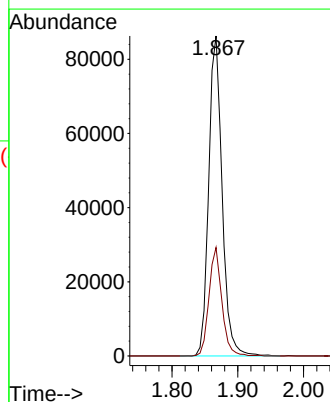
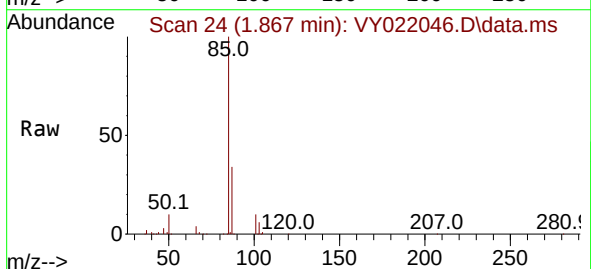
Manual Integrations
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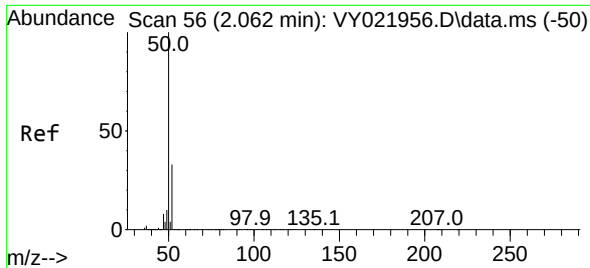
Reviewed By :Semsettin Yesilyurt 04/30/2025
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#2
Dichlorodifluoromethane
Concen: 43.507 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY022046.D
Acq: 29 Apr 2025 09:28

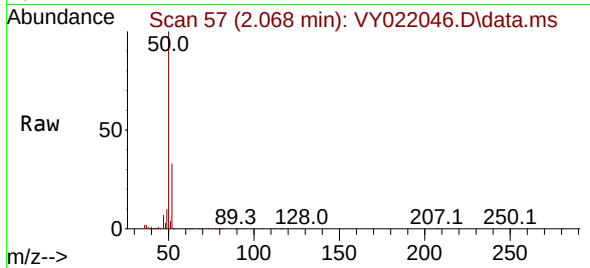
Tgt Ion: 85 Resp: 122464
Ion Ratio Lower Upper
85 100
87 33.9 16.6 49.7





#3
Chloromethane
Concen: 43.839 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY022046.D
Acq: 29 Apr 2025 09:28

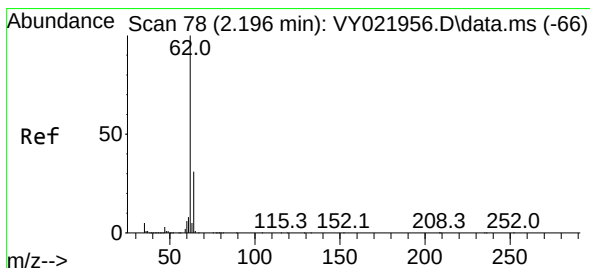
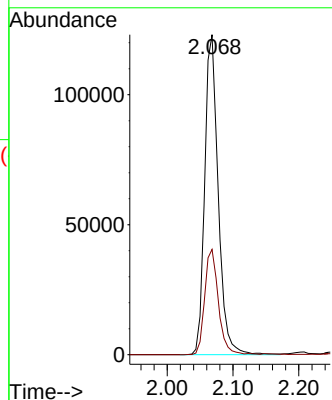
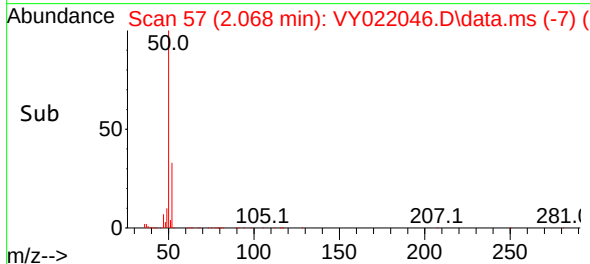
Instrument :
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ClientSampleId :
VSTDCCC050



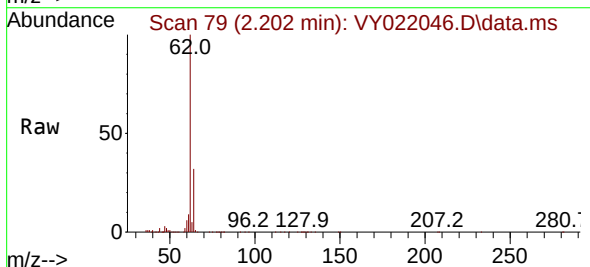
Tgt Ion: 50 Resp: 175709
Ion Ratio Lower Upper
50 100
52 32.9 26.1 39.1

Manual Integrations
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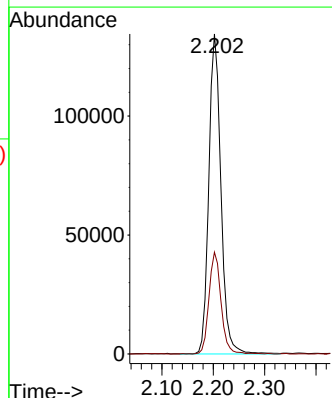
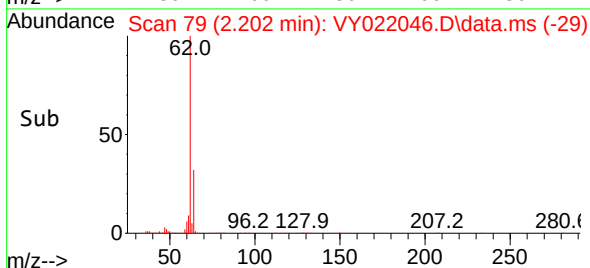
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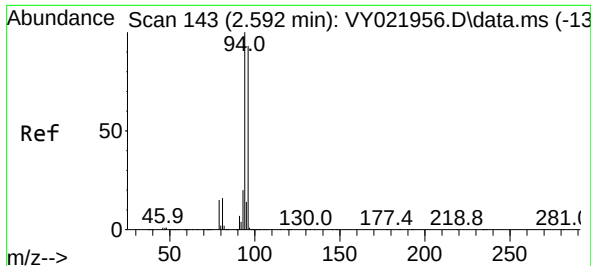


#4
Vinyl Chloride
Concen: 44.638 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.006 min
Lab File: VY022046.D
Acq: 29 Apr 2025 09:28



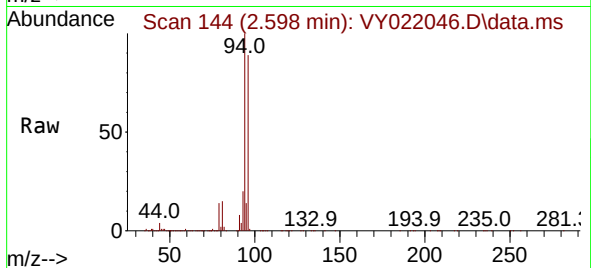
Tgt Ion: 62 Resp: 219850
Ion Ratio Lower Upper
62 100
64 31.8 25.1 37.7





#5
Bromomethane
Concen: 39.979 ug/l
RT: 2.598 min Scan# 143
Delta R.T. 0.006 min
Lab File: VY022046.D
Acq: 29 Apr 2025 09:28

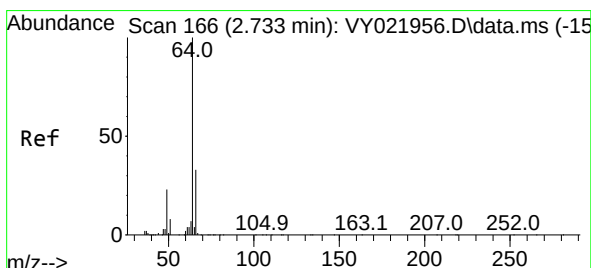
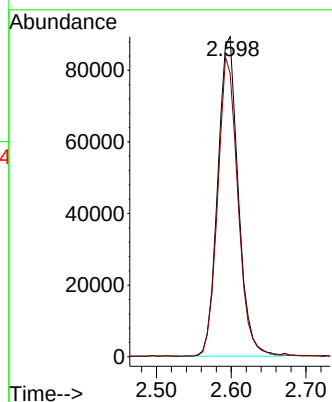
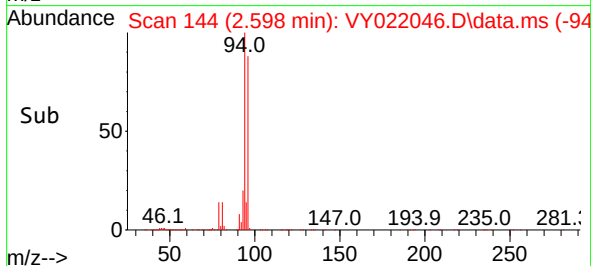
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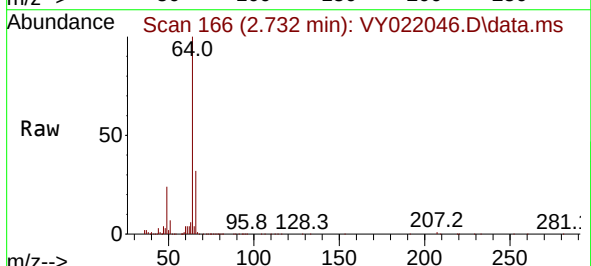
Tgt Ion: 94 Resp: 16964
Ion Ratio Lower Upper
94 100
96 88.5 74.6 111.8

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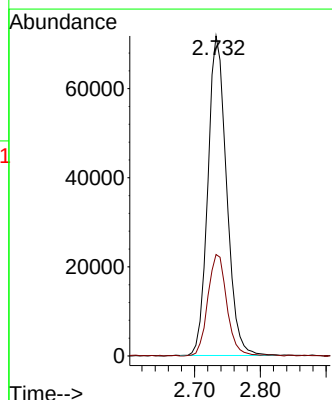
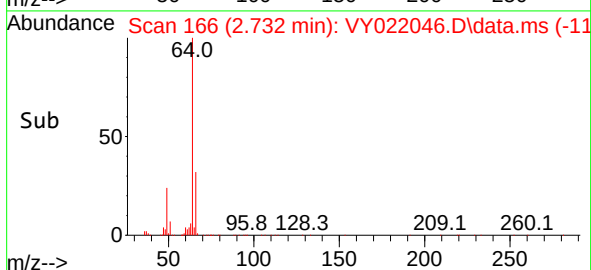
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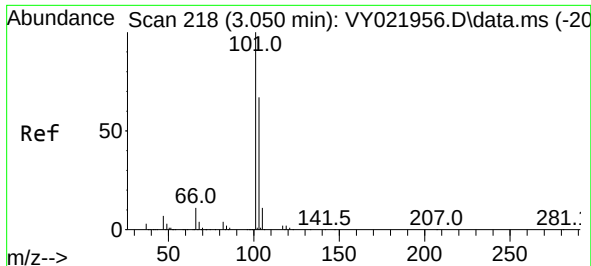


#6
Chloroethane
Concen: 42.293 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.000 min
Lab File: VY022046.D
Acq: 29 Apr 2025 09:28



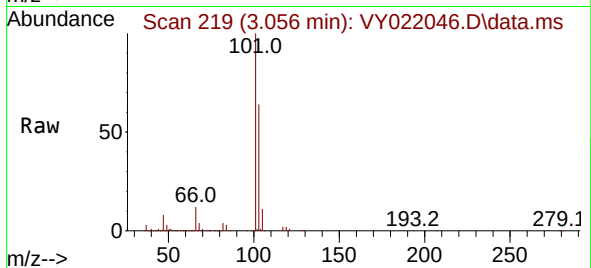
Tgt Ion: 64 Resp: 141865
Ion Ratio Lower Upper
64 100
66 31.8 26.2 39.4





#7
Trichlorofluoromethane
Concen: 43.517 ug/l
RT: 3.056 min Scan# 218
Delta R.T. 0.006 min
Lab File: VY022046.D
Acq: 29 Apr 2025 09:28

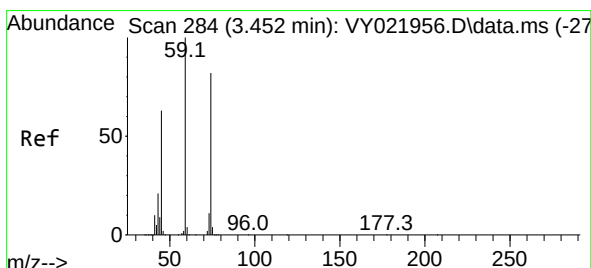
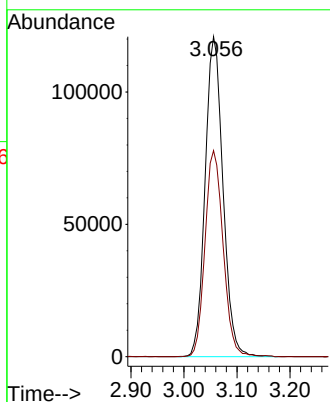
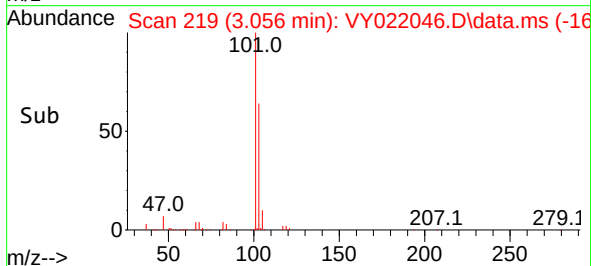
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 282628
Ion Ratio Lower Upper
101 100
103 64.3 53.6 80.4

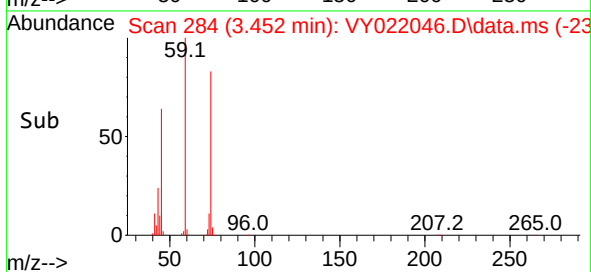
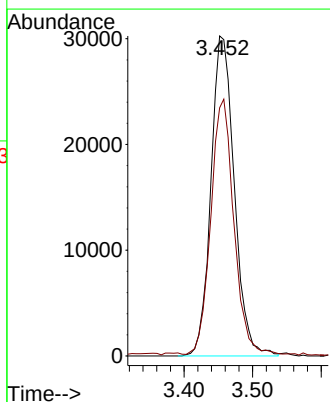
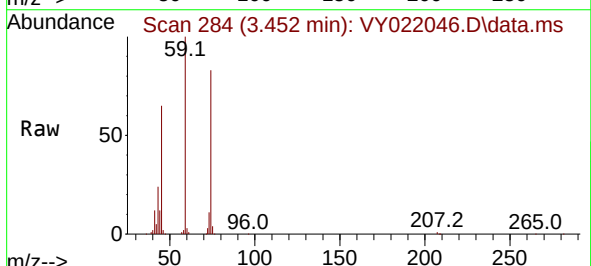
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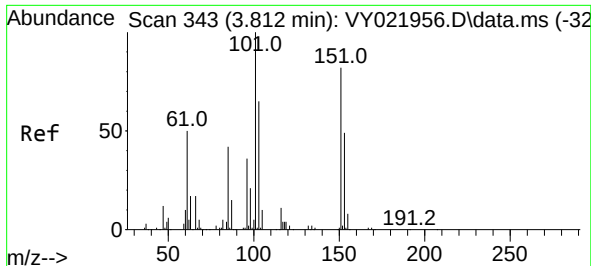
Reviewed By :Semsettin Yesilyurt 04/30/2025
Supervised By :Mahesh Dadoda 04/30/2025



#8
Diethyl Ether
Concen: 42.265 ug/l
RT: 3.452 min Scan# 284
Delta R.T. -0.000 min
Lab File: VY022046.D
Acq: 29 Apr 2025 09:28

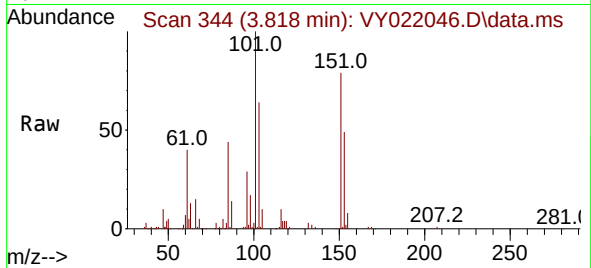
Tgt Ion: 74 Resp: 71445
Ion Ratio Lower Upper
74 100
45 79.3 39.1 117.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 43.664 ug/l
RT: 3.818 min Scan# 343
Delta R.T. 0.006 min
Lab File: VY022046.D
Acq: 29 Apr 2025 09:28

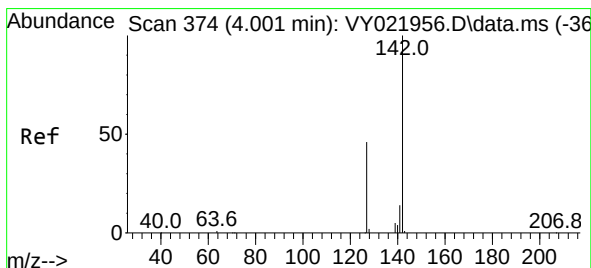
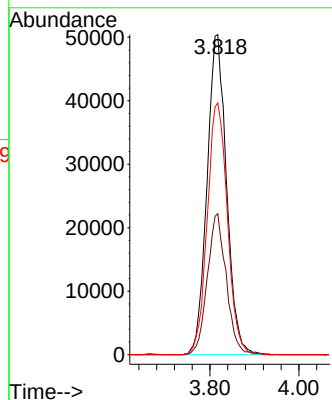
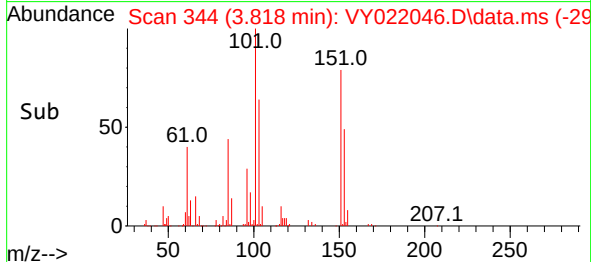
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



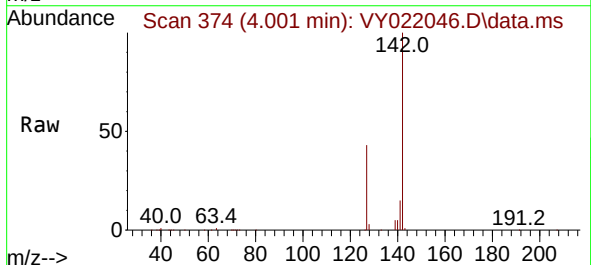
Tgt Ion:101 Resp: 153834
Ion Ratio Lower Upper
101 100
85 42.7 34.6 51.8
151 81.2 63.7 95.5

Manual Integrations
APPROVED

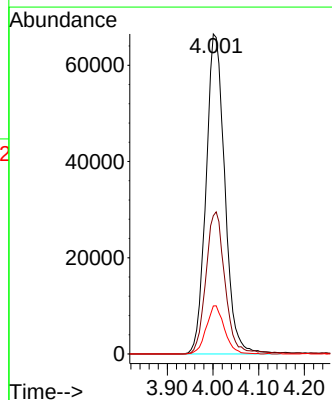
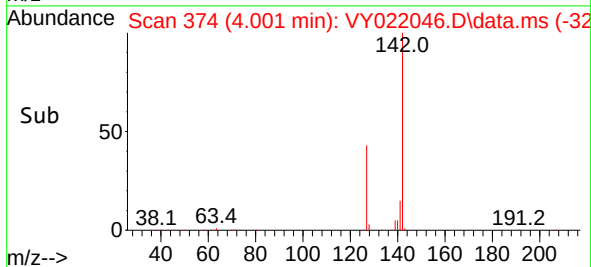
Reviewed By :Semsettin Yesilyurt 04/30/2025
Supervised By :Mahesh Dadoda 04/30/2025

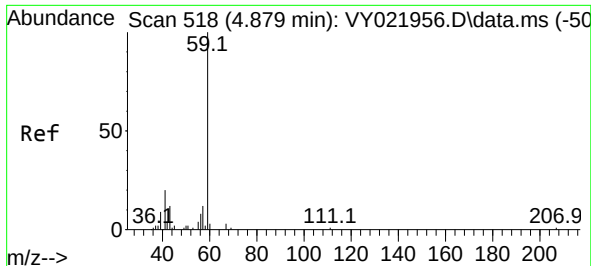


#10
Methyl Iodide
Concen: 46.504 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.000 min
Lab File: VY022046.D
Acq: 29 Apr 2025 09:28



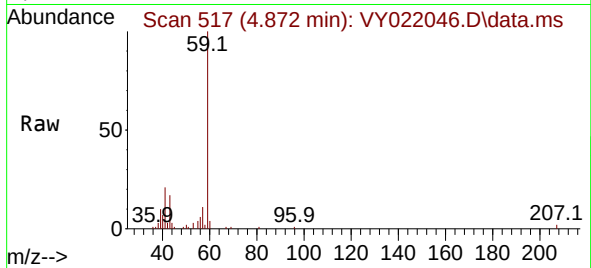
Tgt Ion:142 Resp: 189693
Ion Ratio Lower Upper
142 100
127 45.2 36.2 54.2
141 14.6 11.7 17.5





#11
Tert butyl alcohol
Concen: 223.602 ug/l
RT: 4.872 min Scan# 518
Delta R.T. -0.006 min
Lab File: VY022046.D
Acq: 29 Apr 2025 09:28

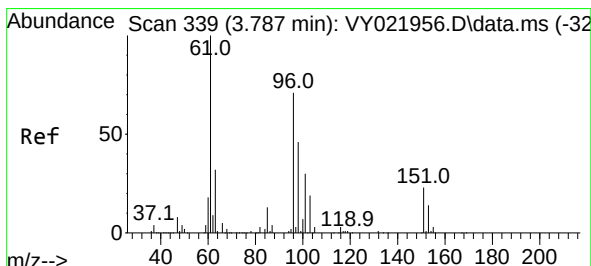
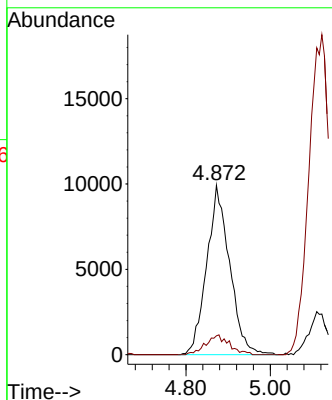
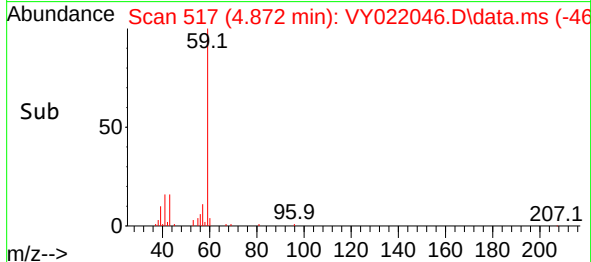
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



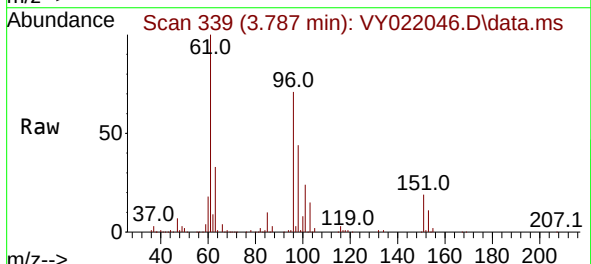
Tgt Ion: 59 Resp: 37450
Ion Ratio Lower Upper
59 100
57 12.0 9.3 13.9

Manual Integrations
APPROVED

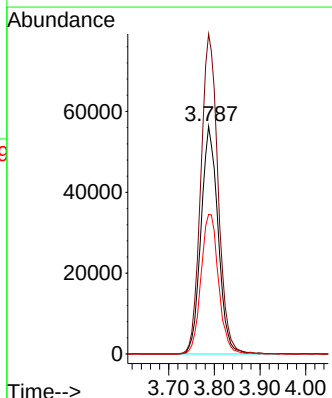
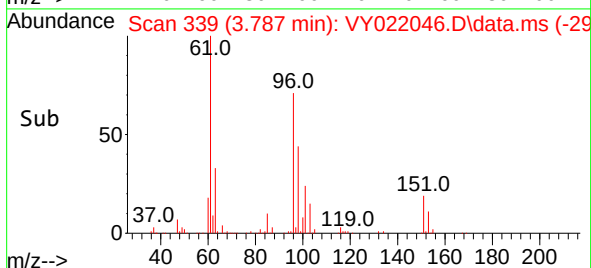
Reviewed By :Semsettin Yesilyurt 04/30/2025
Supervised By :Mahesh Dadoda 04/30/2025

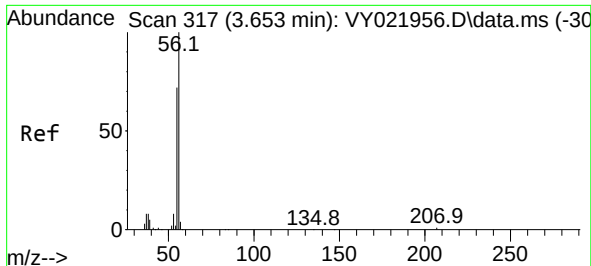


#12
1,1-Dichloroethene
Concen: 44.442 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.000 min
Lab File: VY022046.D
Acq: 29 Apr 2025 09:28



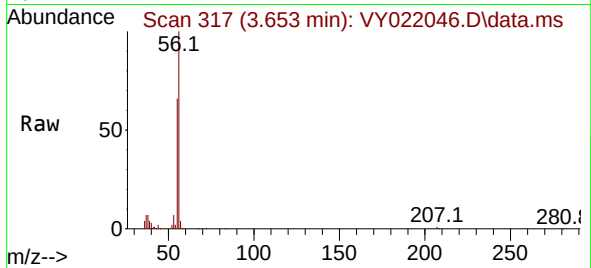
Tgt Ion: 96 Resp: 145943
Ion Ratio Lower Upper
96 100
61 140.5 113.0 169.4
98 61.2 51.4 77.2





#13
Acrolein
Concen: 233.968 ug/l
RT: 3.653 min Scan# 317
Delta R.T. -0.000 min
Lab File: VY022046.D
Acq: 29 Apr 2025 09:28

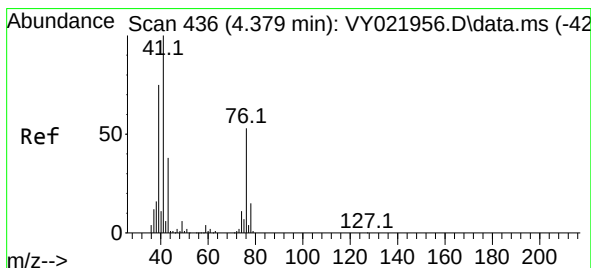
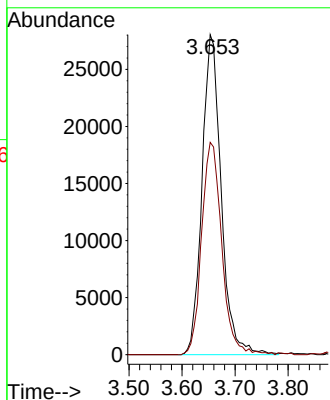
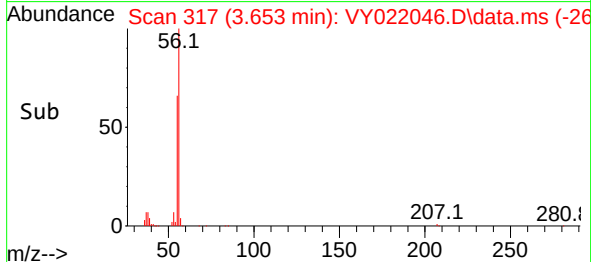
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



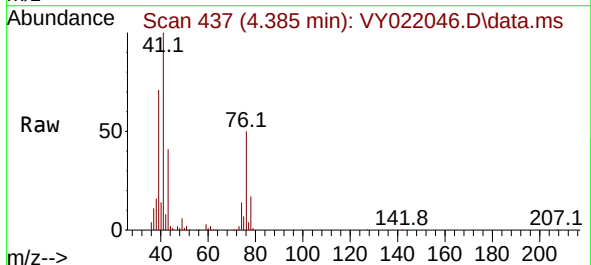
Tgt Ion: 56 Resp: 7034
Ion Ratio Lower Upper
56 100
55 69.9 57.4 86.0

Manual Integrations
APPROVED

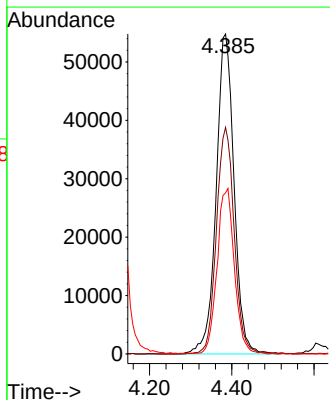
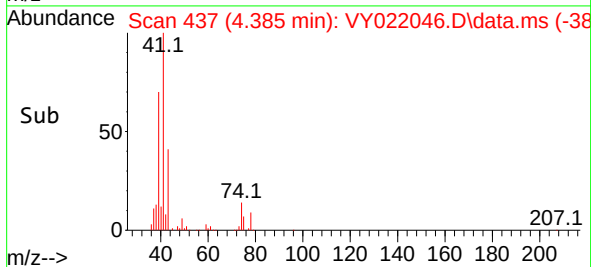
Reviewed By :Semsettin Yesilyurt 04/30/2025
Supervised By :Mahesh Dadoda 04/30/2025

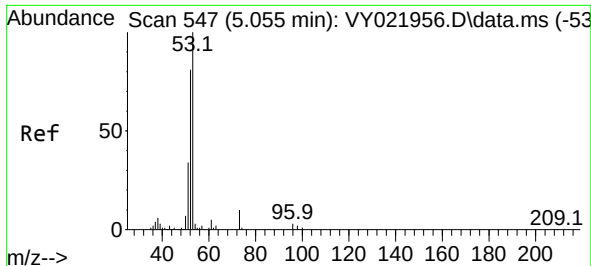


#14
Allyl chloride
Concen: 43.306 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY022046.D
Acq: 29 Apr 2025 09:28



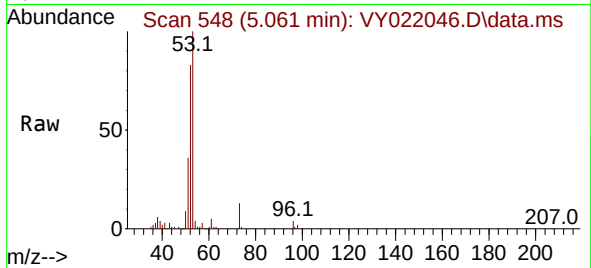
Tgt Ion: 41 Resp: 165590
Ion Ratio Lower Upper
41 100
39 70.4 57.2 85.8
76 50.2 39.7 59.5





#15
Acrylonitrile
Concen: 223.027 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY022046.D
Acq: 29 Apr 2025 09:28

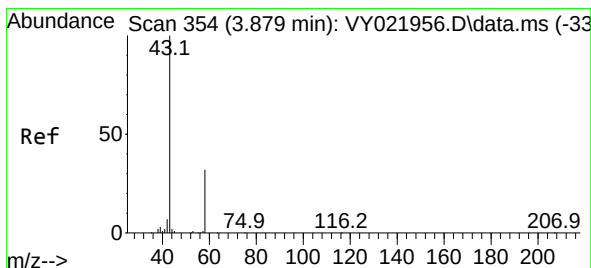
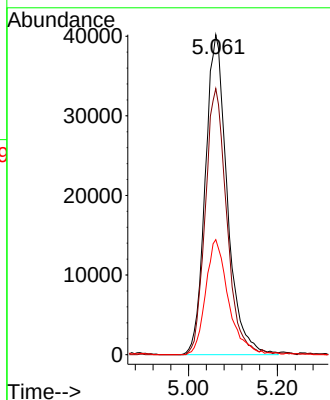
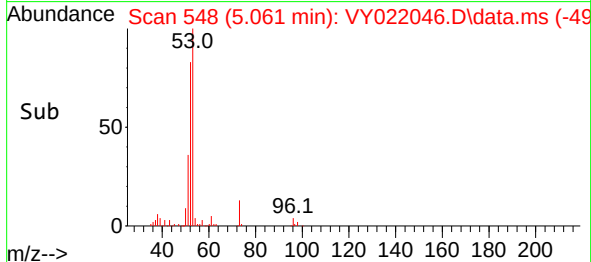
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



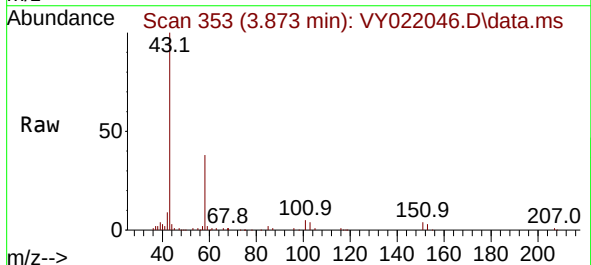
Tgt Ion: 53 Resp: 138019
Ion Ratio Lower Upper
53 100
52 81.0 65.0 97.6
51 37.3 28.9 43.3

Manual Integrations
APPROVED

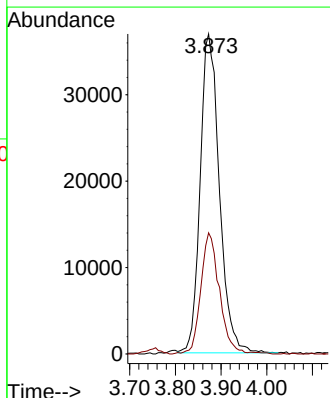
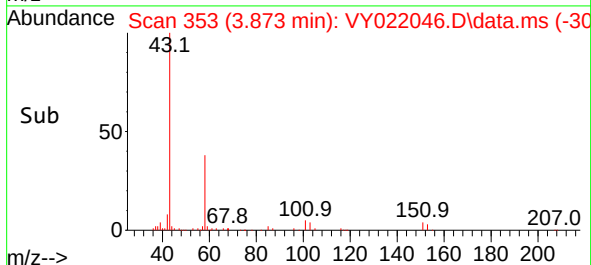
Reviewed By :Semsettin Yesilyurt 04/30/2025
Supervised By :Mahesh Dadoda 04/30/2025

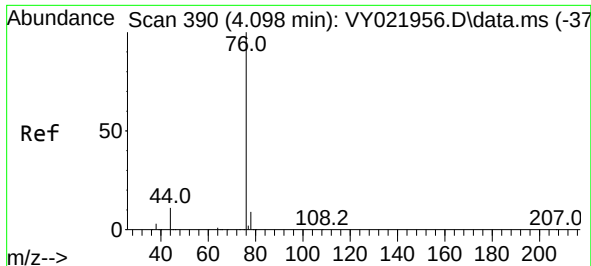


#16
Acetone
Concen: 271.364 ug/l
RT: 3.873 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY022046.D
Acq: 29 Apr 2025 09:28



Tgt Ion: 43 Resp: 107650
Ion Ratio Lower Upper
43 100
58 38.0 27.0 40.4





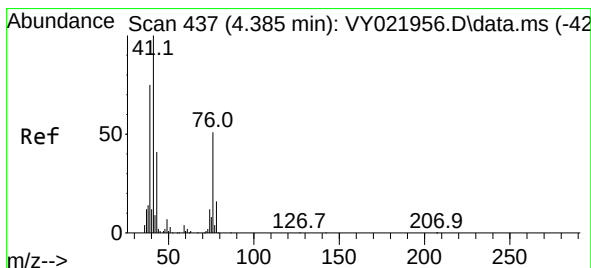
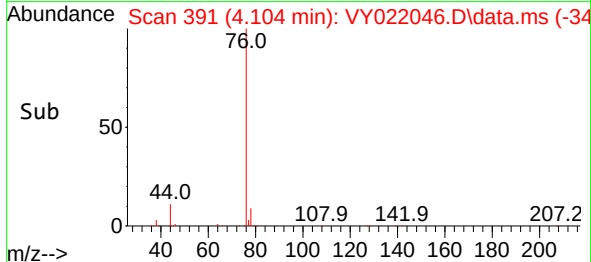
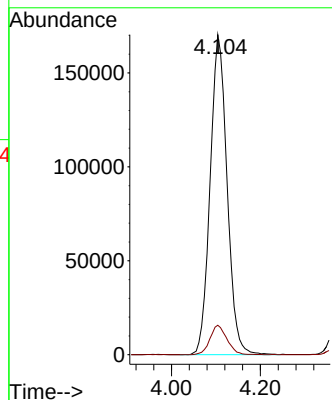
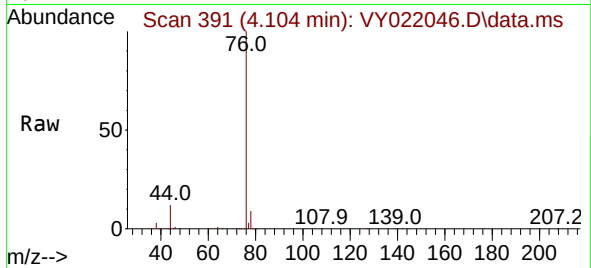
#17
Carbon Disulfide
Concen: 43.107 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY022046.D
Acq: 29 Apr 2025 09:28

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 45136
Ion Ratio Lower Upper
76 100
78 9.2 7.6 11.4

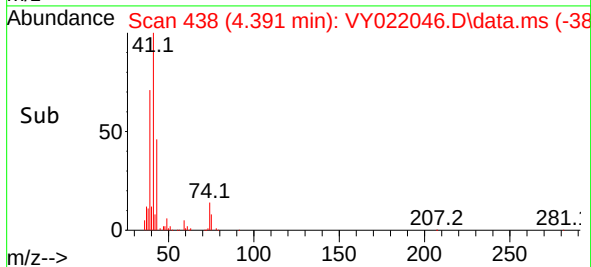
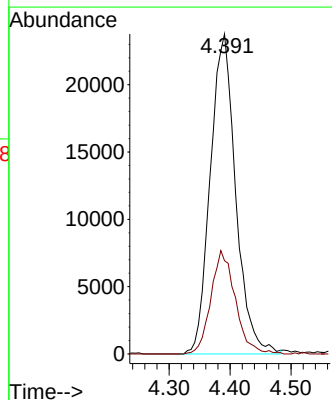
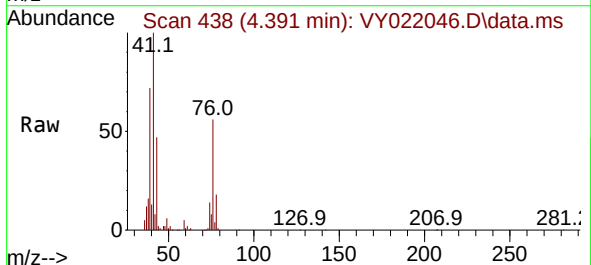
Manual Integrations
APPROVED

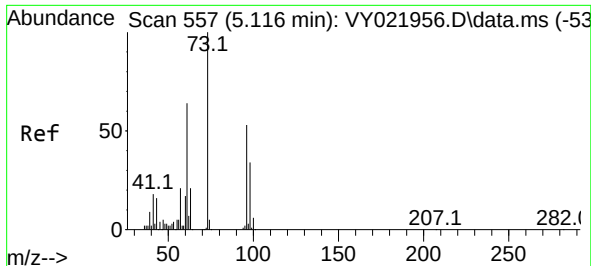
Reviewed By :Semsettin Yesilyurt 04/30/2025
Supervised By :Mahesh Dadoda 04/30/2025



#18
Methyl Acetate
Concen: 48.392 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY022046.D
Acq: 29 Apr 2025 09:28

Tgt Ion: 43 Resp: 68974
Ion Ratio Lower Upper
43 100
74 31.0 24.2 36.4





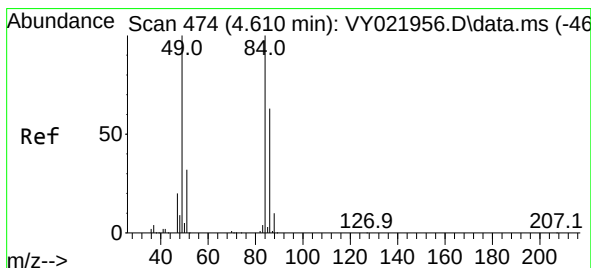
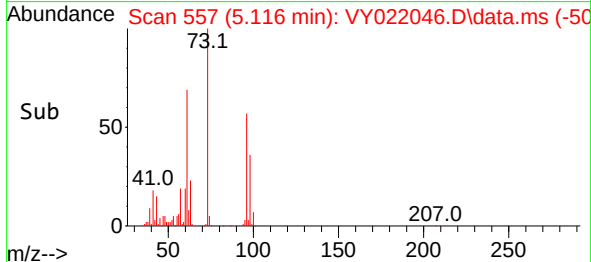
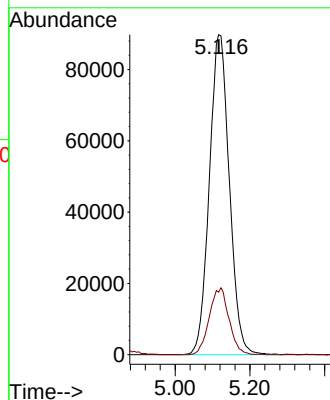
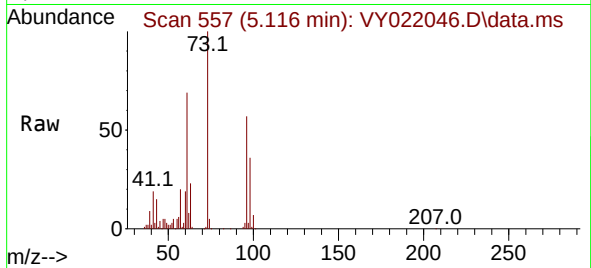
#19
Methyl tert-butyl Ether
Concen: 45.315 ug/l
RT: 5.116 min Scan# 511
Delta R.T. -0.000 min
Lab File: VY022046.D
Acq: 29 Apr 2025 09:28

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 333065
Ion Ratio Lower Upper
73 100
57 19.6 16.9 25.3

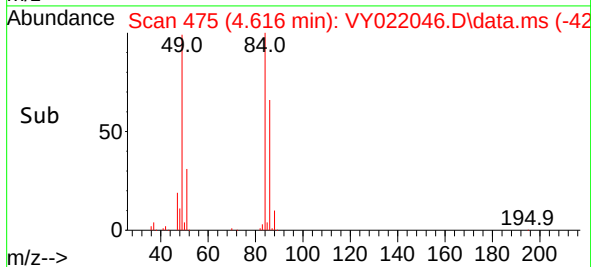
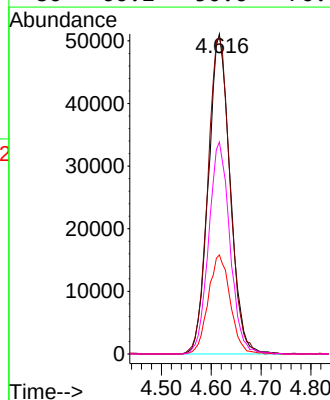
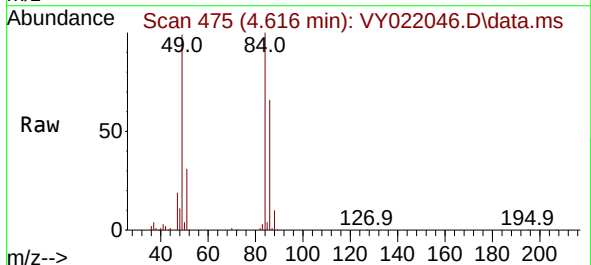
Manual Integrations
APPROVED

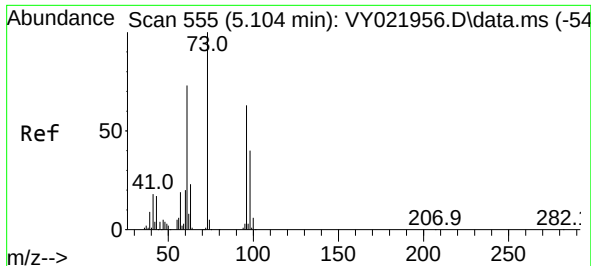
Reviewed By :Semsettin Yesilyurt 04/30/2025
Supervised By :Mahesh Dadoda 04/30/2025



#20
Methylene Chloride
Concen: 40.043 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY022046.D
Acq: 29 Apr 2025 09:28

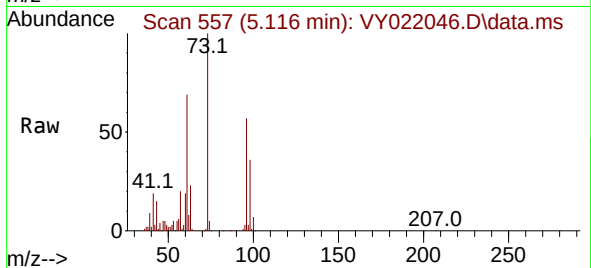
Tgt Ion: 84 Resp: 154498
Ion Ratio Lower Upper
84 100
49 98.9 79.9 119.9
51 31.0 25.4 38.0
86 66.2 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 43.924 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.012 min
Lab File: VY022046.D
Acq: 29 Apr 2025 09:28

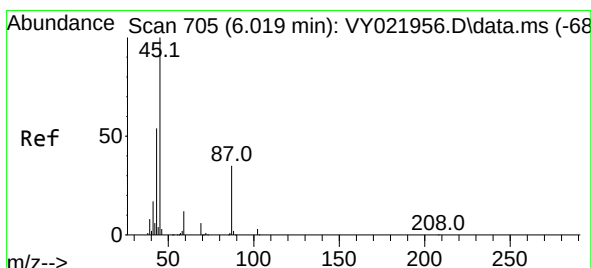
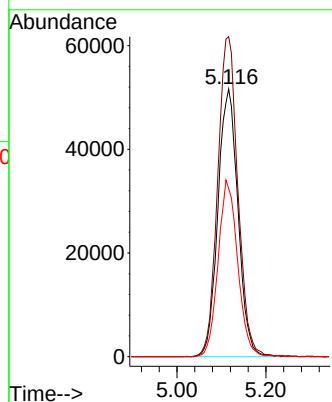
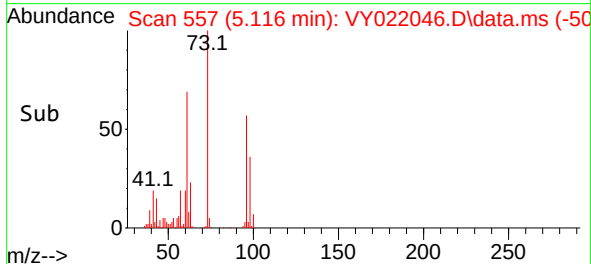
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 16154
Ion Ratio Lower Upper
96 100
61 119.5 92.6 138.8
98 62.8 50.2 75.4

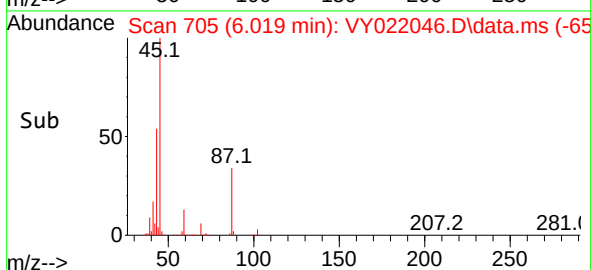
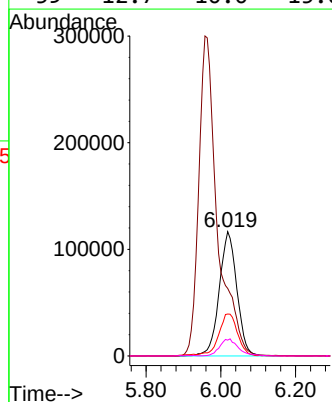
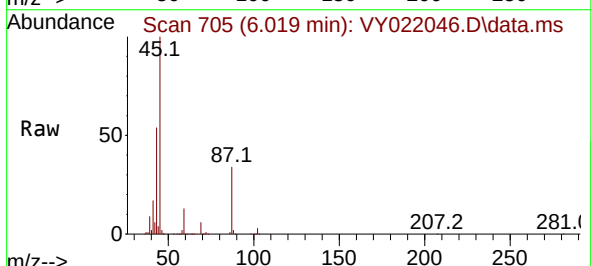
Manual Integrations
APPROVED

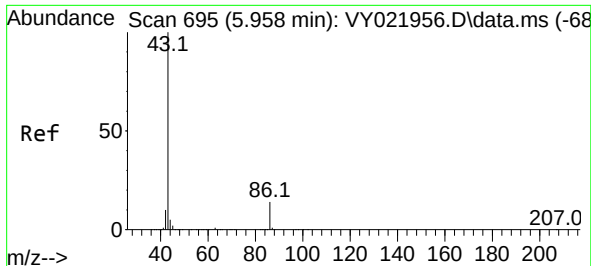
Reviewed By :Semsettin Yesilyurt 04/30/2025
Supervised By :Mahesh Dadoda 04/30/2025



#22
Diisopropyl ether
Concen: 44.895 ug/l
RT: 6.019 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY022046.D
Acq: 29 Apr 2025 09:28

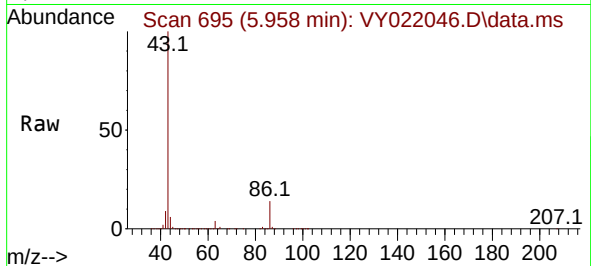
Tgt Ion: 45 Resp: 382029
Ion Ratio Lower Upper
45 100
43 54.1 43.6 65.4
87 33.7 28.2 42.4
59 12.7 10.0 15.0





#23
 Vinyl Acetate
 Concen: 226.736 ug/l
 RT: 5.958 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY022046.D
 Acq: 29 Apr 2025 09:28

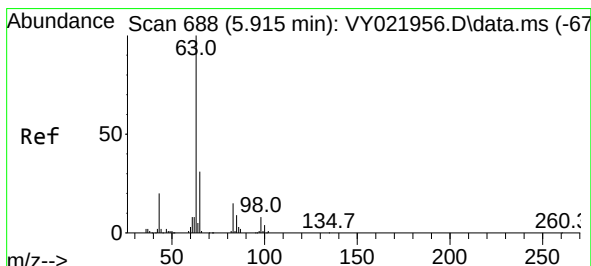
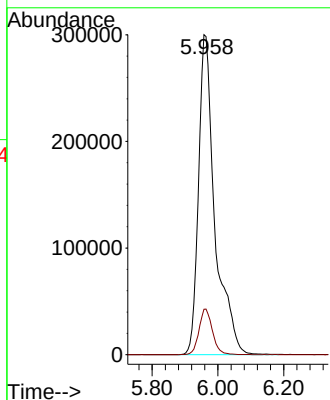
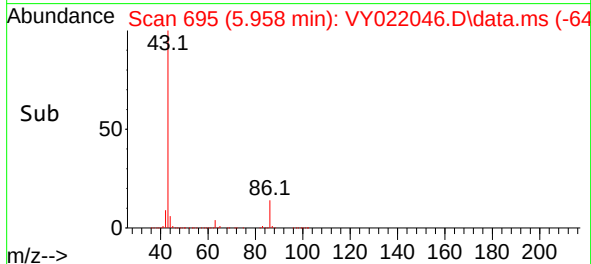
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



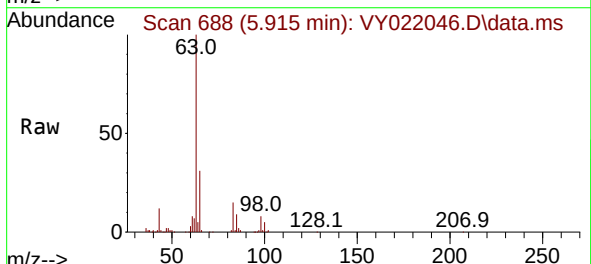
Tgt Ion: 43 Resp: 1039804
 Ion Ratio Lower Upper
 43 100
 86 14.2 11.1 16.7

Manual Integrations
 APPROVED

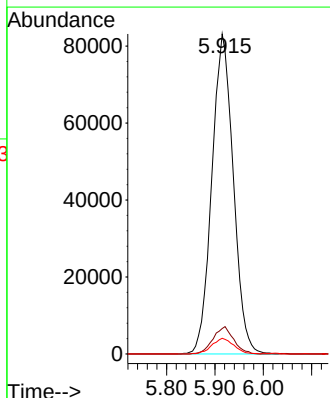
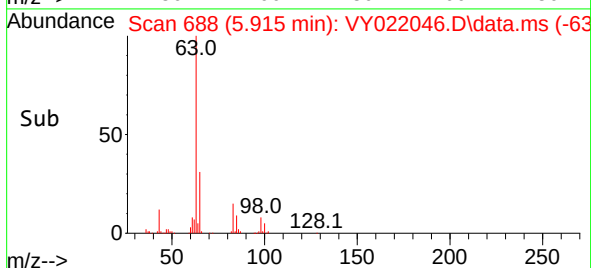
Reviewed By :Semsettin Yesilyurt 04/30/2025
 Supervised By :Mahesh Dadoda 04/30/2025

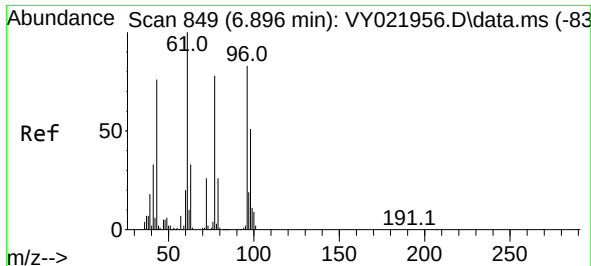


#24
 1,1-Dichloroethane
 Concen: 43.448 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY022046.D
 Acq: 29 Apr 2025 09:28



Tgt Ion: 63 Resp: 256272
 Ion Ratio Lower Upper
 63 100
 98 8.0 4.0 11.9
 100 4.9 2.0 6.0





#25

2-Butanone

Concen: 232.499 ug/l

RT: 6.896 min Scan# 849

Delta R.T. -0.000 min

Lab File: VY022046.D

Acq: 29 Apr 2025 09:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 161708

Ion Ratio Lower Upper

43 100

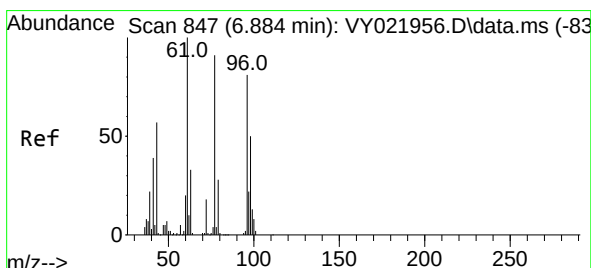
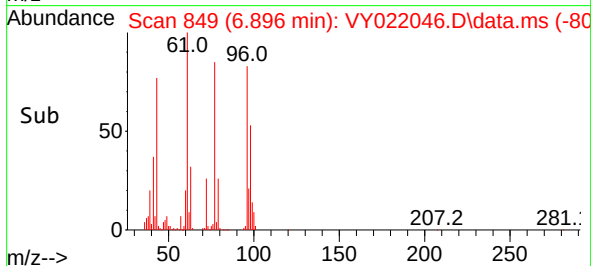
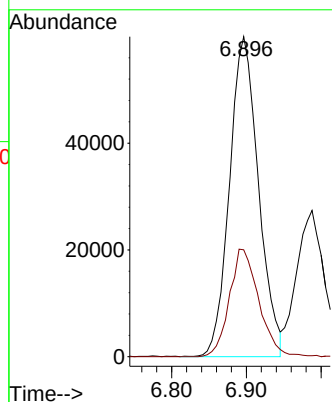
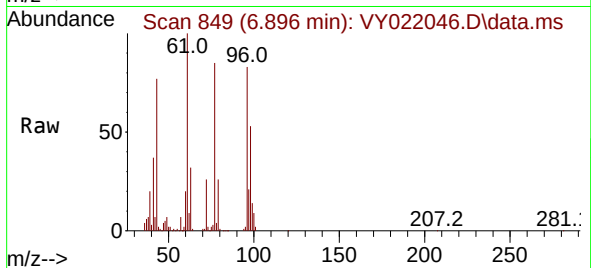
72 33.4 27.0 40.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/30/2025

Supervised By :Mahesh Dadoda 04/30/2025



#26

2,2-Dichloropropane

Concen: 45.304 ug/l

RT: 6.884 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY022046.D

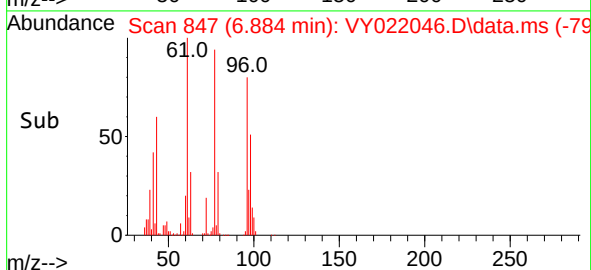
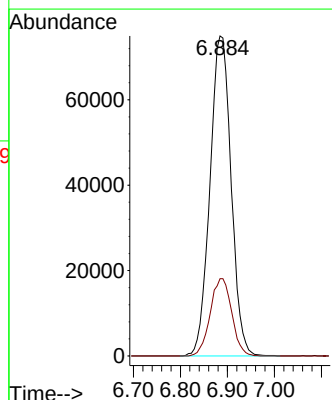
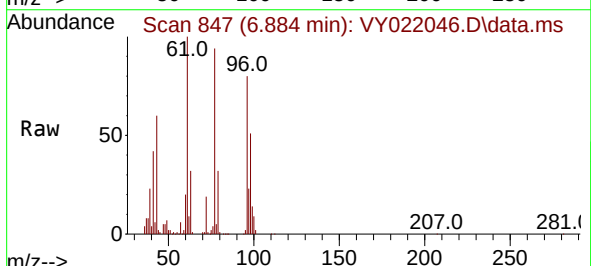
Acq: 29 Apr 2025 09:28

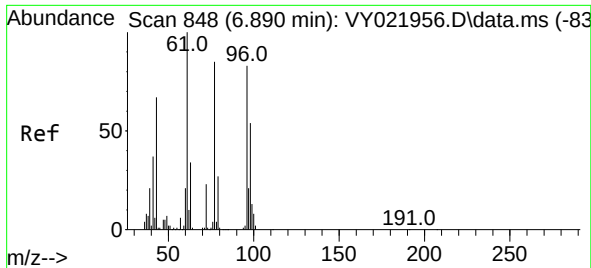
Tgt Ion: 77 Resp: 234207

Ion Ratio Lower Upper

77 100

97 24.5 12.4 37.4





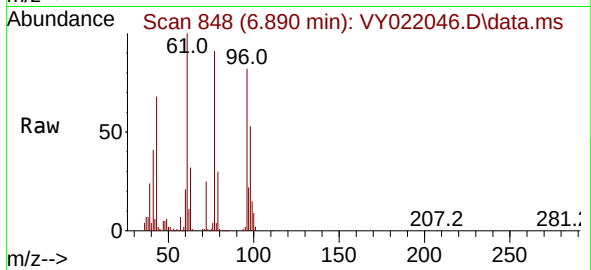
#27
 cis-1,2-Dichloroethene
 Concen: 44.805 ug/l
 RT: 6.890 min Scan# 848
 Delta R.T. -0.000 min
 Lab File: VY022046.D
 Acq: 29 Apr 2025 09:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

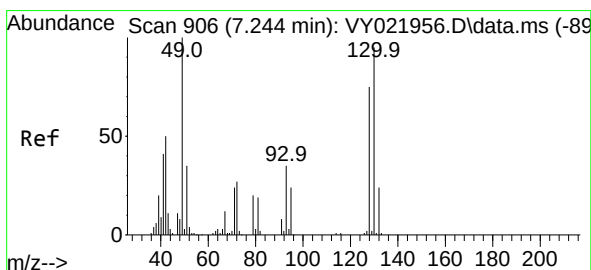
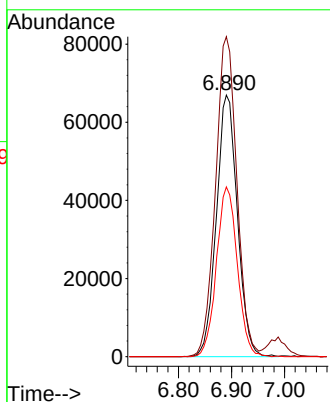
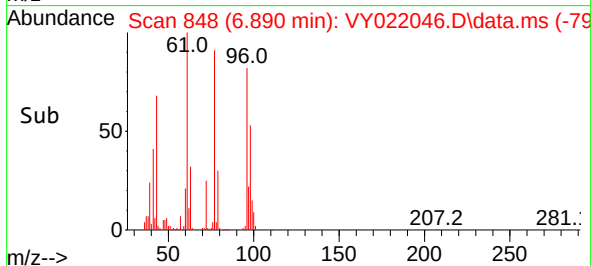


Tgt Ion: 96 Resp: 184250
 Ion Ratio Lower Upper
 96 100
 61 124.5 0.0 251.4
 98 64.5 0.0 128.4

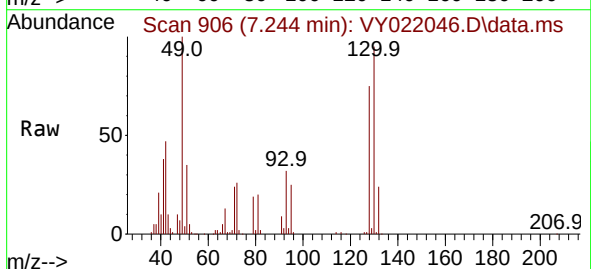
Manual Integrations

APPROVED

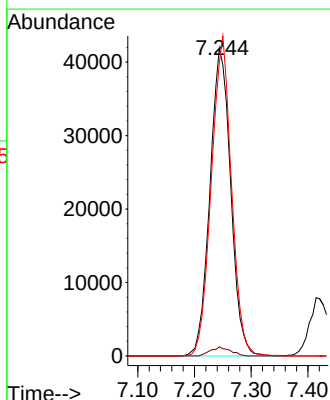
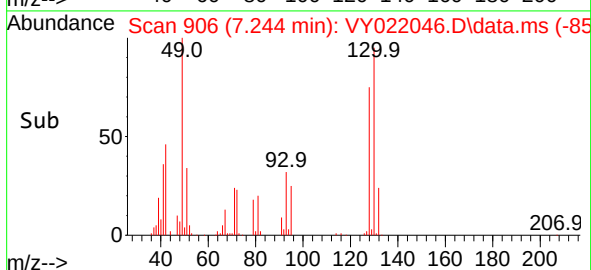
Reviewed By :Semsettin Yesilyurt 04/30/2025
 Supervised By :Mahesh Dadoda 04/30/2025

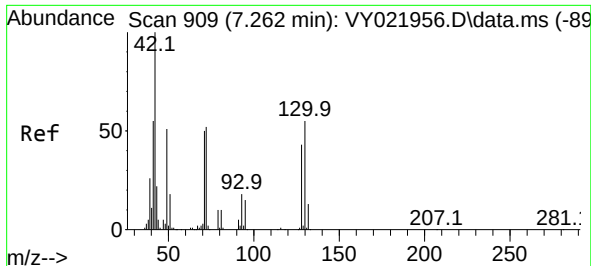


#28
 Bromochloromethane
 Concen: 46.456 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. -0.000 min
 Lab File: VY022046.D
 Acq: 29 Apr 2025 09:28



Tgt Ion: 49 Resp: 106431
 Ion Ratio Lower Upper
 49 100
 129 2.8 0.0 5.0
 130 100.4 78.2 117.4





#29

Tetrahydrofuran

Concen: 232.133 ug/l

RT: 7.262 min Scan# 909

Delta R.T. -0.000 min

Lab File: VY022046.D

Acq: 29 Apr 2025 09:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 10486

Ion Ratio Lower Upper

42 100

72 57.0 42.6 63.8

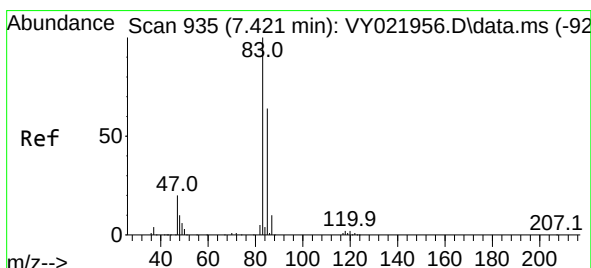
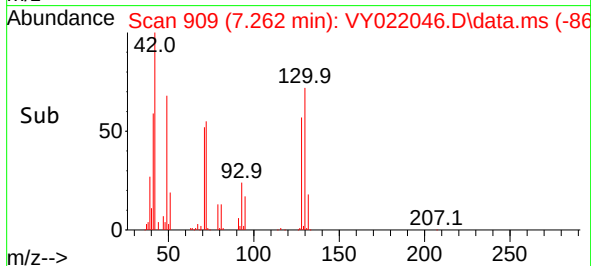
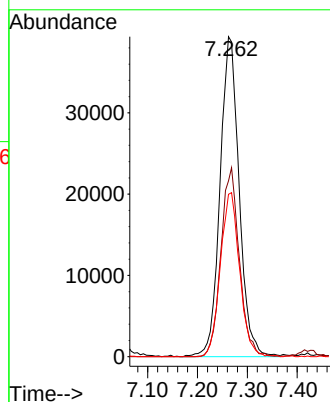
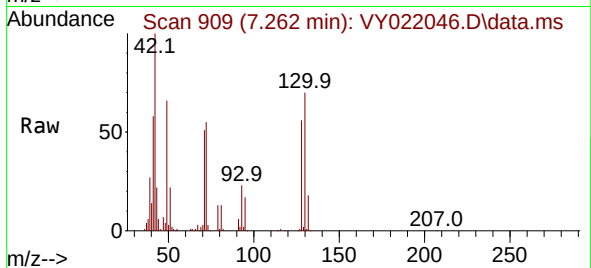
71 51.8 40.6 61.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/30/2025

Supervised By :Mahesh Dadoda 04/30/2025



#30

Chloroform

Concen: 44.298 ug/l

RT: 7.421 min Scan# 935

Delta R.T. -0.000 min

Lab File: VY022046.D

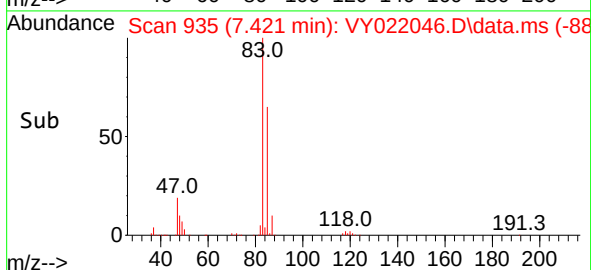
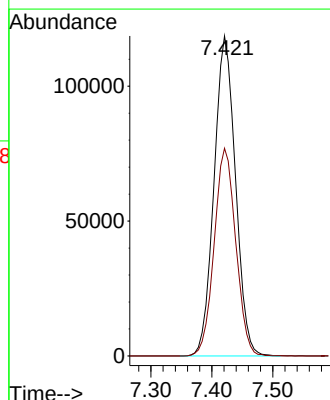
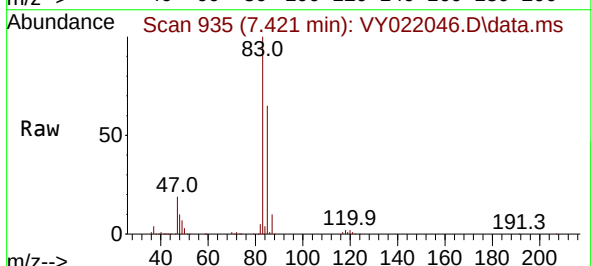
Acq: 29 Apr 2025 09:28

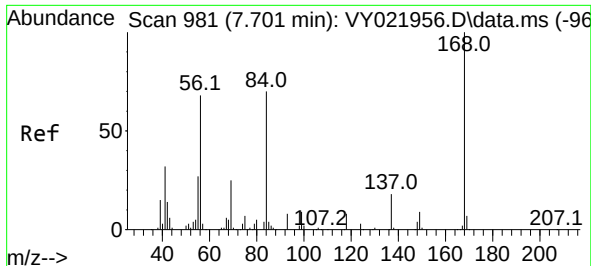
Tgt Ion: 83 Resp: 289823

Ion Ratio Lower Upper

83 100

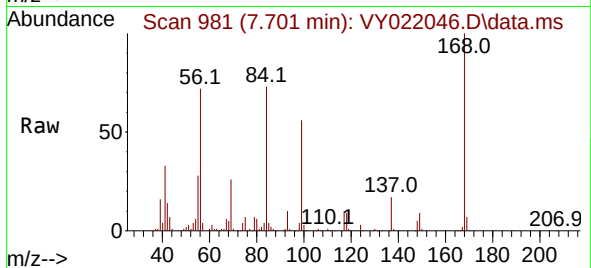
85 64.9 51.3 76.9





#31
Cyclohexane
Concen: 43.306 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY022046.D
Acq: 29 Apr 2025 09:28

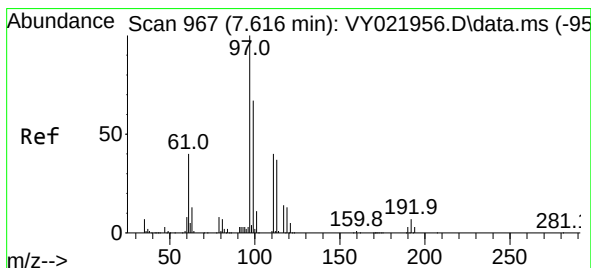
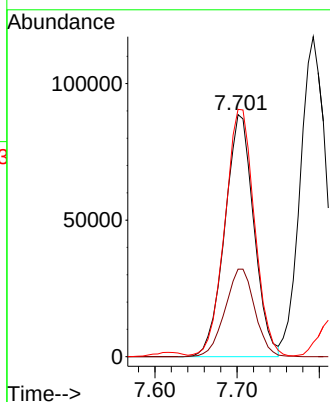
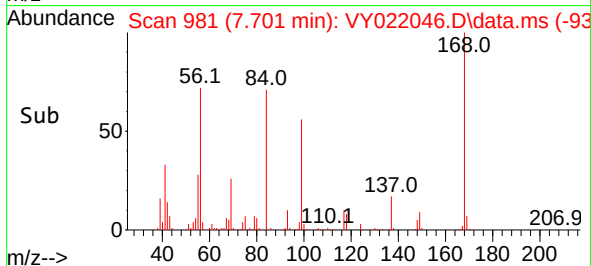
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



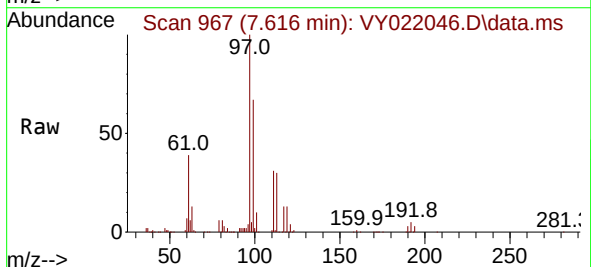
Tgt Ion: 56 Resp: 21843
Ion Ratio Lower Upper
56 100
69 36.2 29.4 44.2
84 100.6 82.2 123.4

Manual Integrations
APPROVED

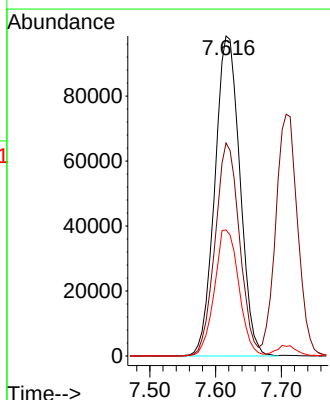
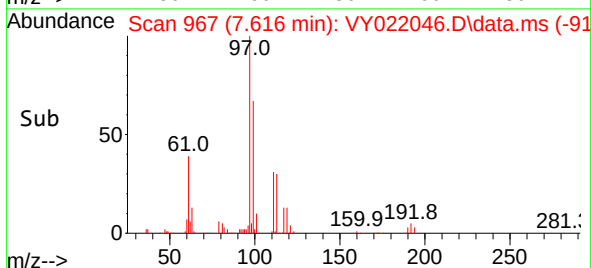
Reviewed By :Semsettin Yesilyurt 04/30/2025
Supervised By :Mahesh Dadoda 04/30/2025

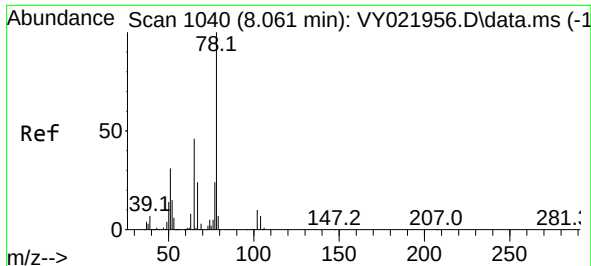


#32
1,1,1-Trichloroethane
Concen: 44.057 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY022046.D
Acq: 29 Apr 2025 09:28



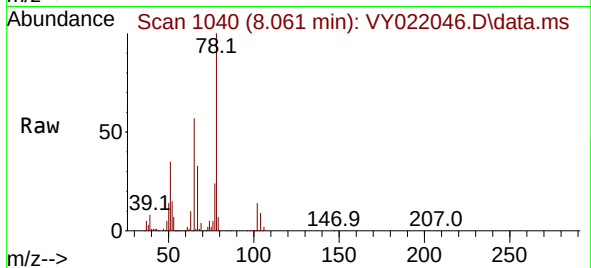
Tgt Ion: 97 Resp: 260780
Ion Ratio Lower Upper
97 100
99 64.8 51.4 77.2
61 38.6 31.4 47.2





#33
1,2-Dichloroethane-d4
Concen: 43.532 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY022046.D
Acq: 29 Apr 2025 09:28

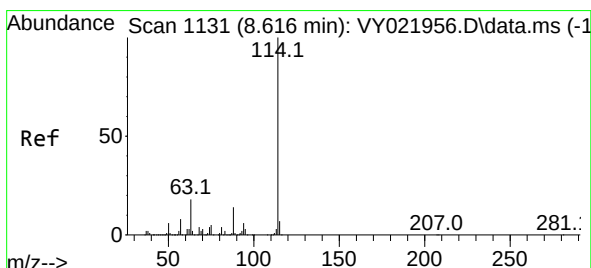
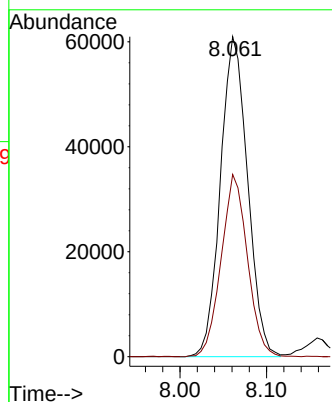
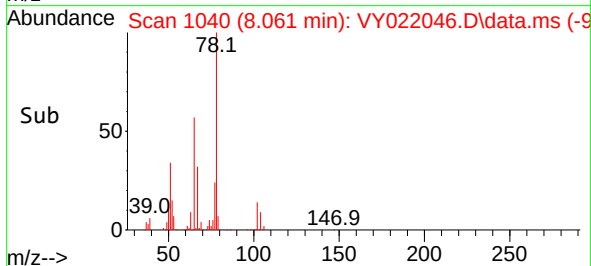
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



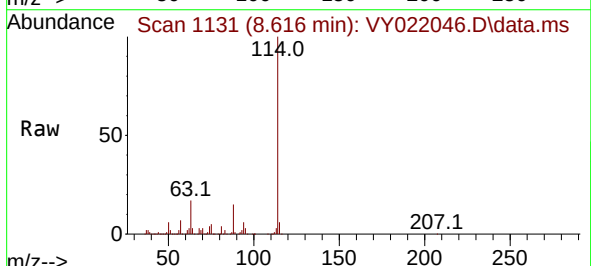
Tgt Ion: 65 Resp: 132828
Ion Ratio Lower Upper
65 100
67 55.1 0.0 105.8

Manual Integrations
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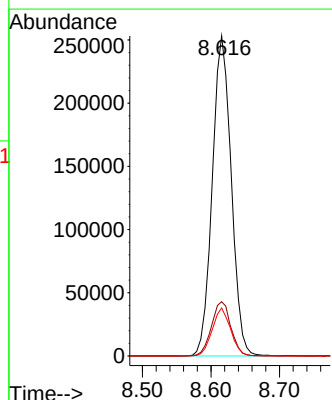
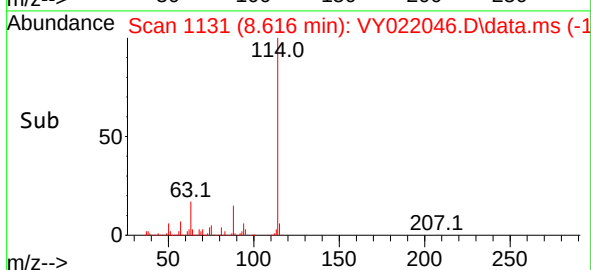
Reviewed By :Semsettin Yesilyurt 04/30/2025
Supervised By :Mahesh Dadoda 04/30/2025

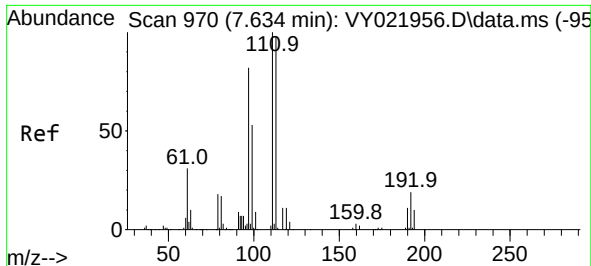


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY022046.D
Acq: 29 Apr 2025 09:28



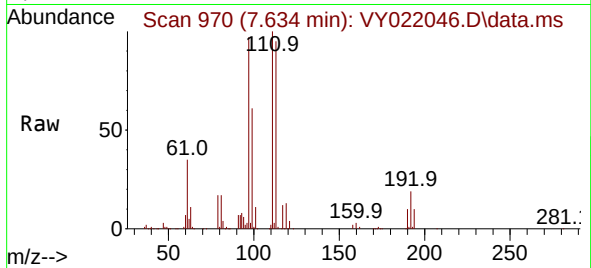
Tgt Ion:114 Resp: 485397
Ion Ratio Lower Upper
114 100
63 16.9 0.0 35.4
88 15.0 0.0 28.2





#35
Dibromofluoromethane
Concen: 47.486 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY022046.D
Acq: 29 Apr 2025 09:28

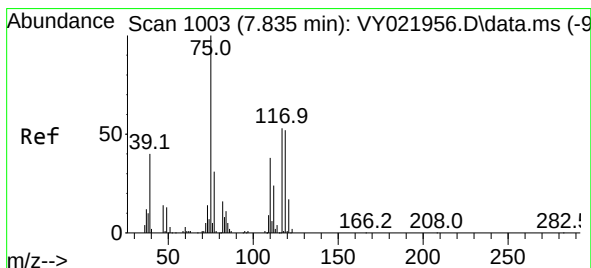
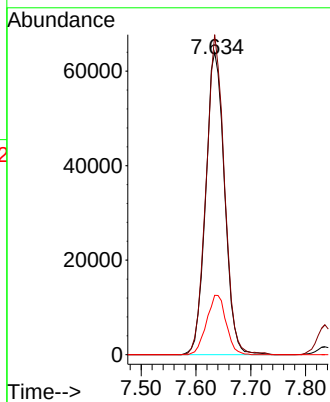
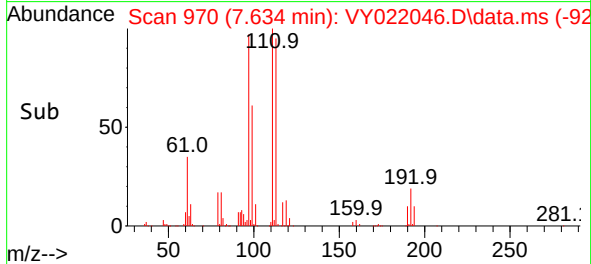
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



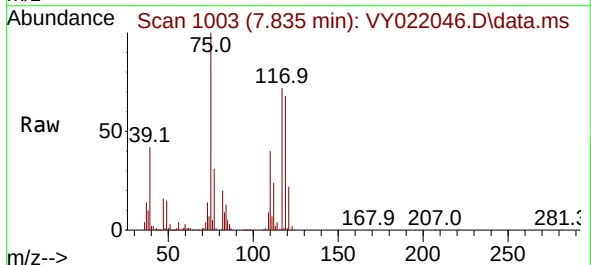
Tgt Ion: 113 Resp: 152279
Ion Ratio Lower Upper
113 100
111 102.9 81.8 122.8
192 20.4 15.6 23.4

Manual Integrations
APPROVED

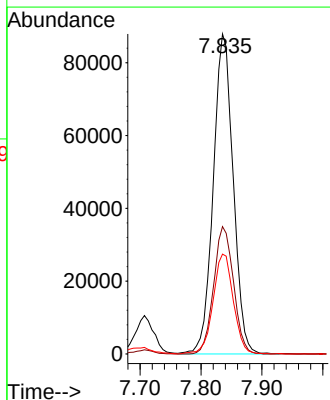
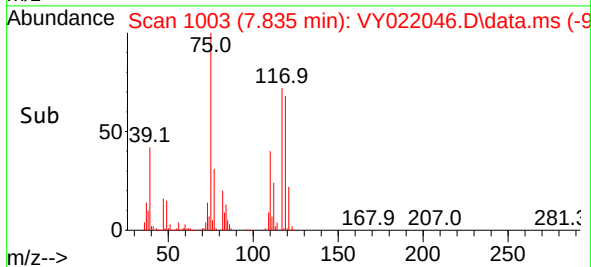
Reviewed By :Semsettin Yesilyurt 04/30/2025
Supervised By :Mahesh Dadoda 04/30/2025

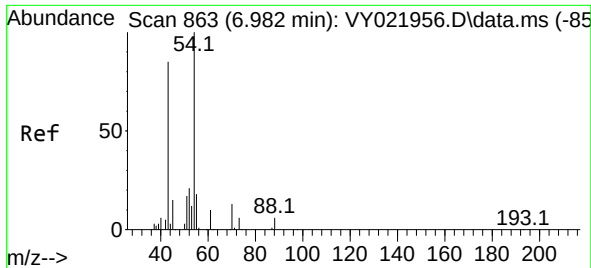


#36
1,1-Dichloropropene
Concen: 46.442 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.000 min
Lab File: VY022046.D
Acq: 29 Apr 2025 09:28



Tgt Ion: 75 Resp: 200053
Ion Ratio Lower Upper
75 100
110 39.5 19.1 57.3
77 31.7 25.5 38.3





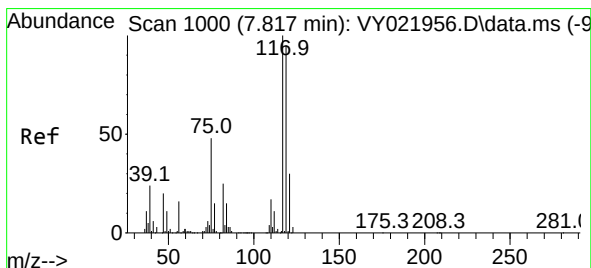
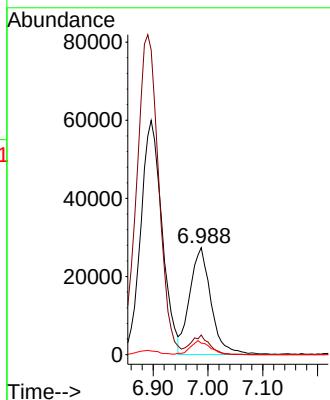
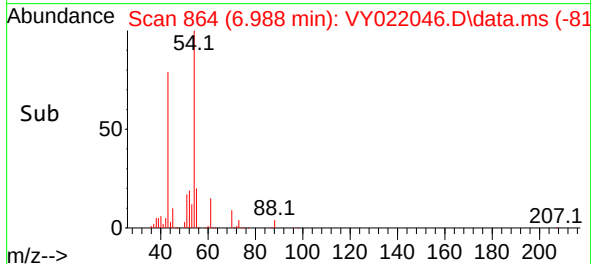
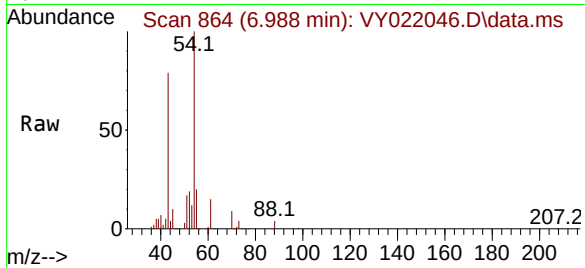
#37
Ethyl Acetate
Concen: 47.597 ug/l
RT: 6.988 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY022046.D
Acq: 29 Apr 2025 09:28

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 73630
Ion Ratio Lower Upper
43 100
61 16.5 13.8 20.6
70 12.0 9.2 13.8

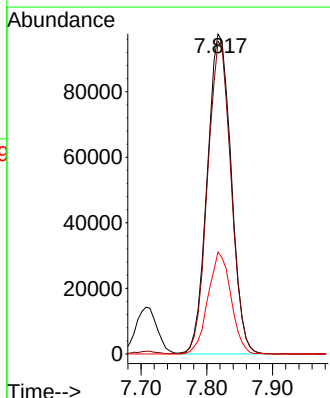
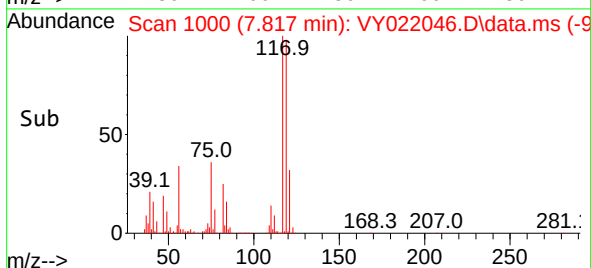
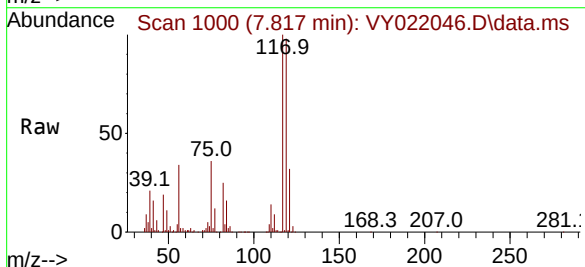
Manual Integrations
APPROVED

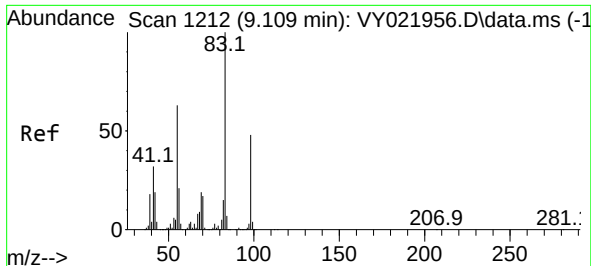
Reviewed By :Semsettin Yesilyurt 04/30/2025
Supervised By :Mahesh Dadoda 04/30/2025



#38
Carbon Tetrachloride
Concen: 48.012 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY022046.D
Acq: 29 Apr 2025 09:28

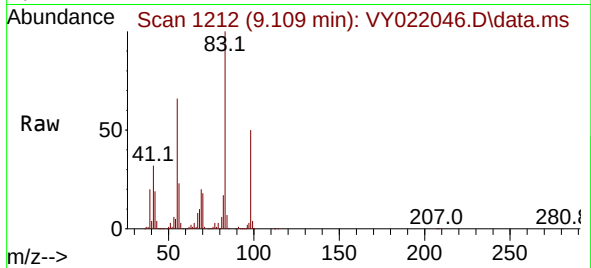
Tgt Ion:117 Resp: 247130
Ion Ratio Lower Upper
117 100
119 97.7 76.2 114.4
121 31.9 24.0 36.0





#39
Methylcyclohexane
Concen: 47.325 ug/l
RT: 9.109 min Scan# 1212
Delta R.T. -0.000 min
Lab File: VY022046.D
Acq: 29 Apr 2025 09:28

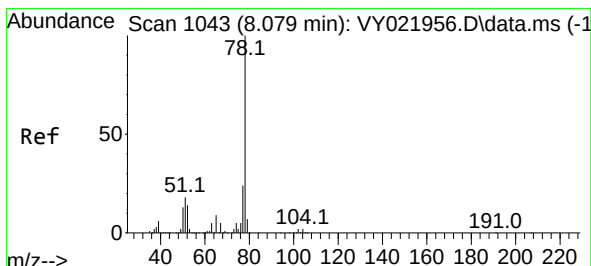
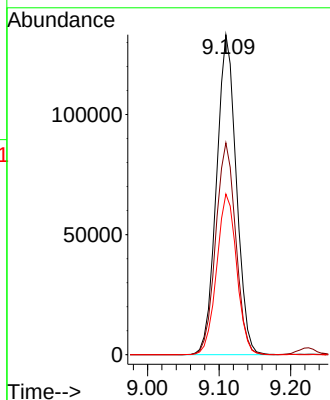
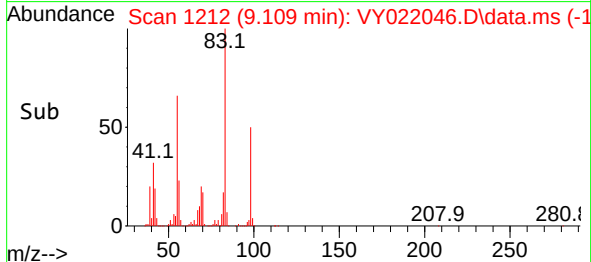
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 256540
Ion Ratio Lower Upper
83 100
55 66.2 50.6 75.8
98 50.2 38.6 58.0

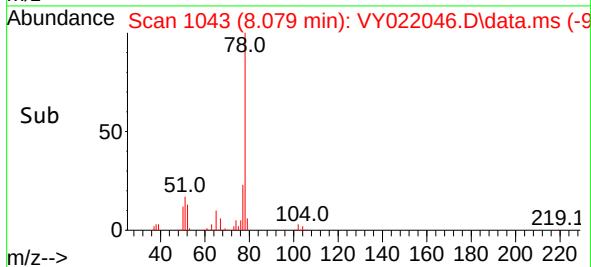
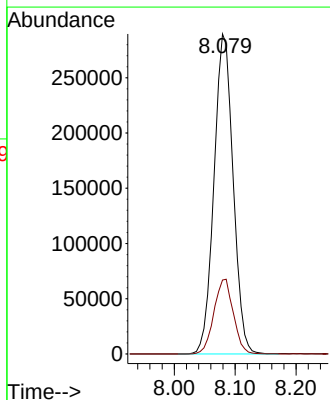
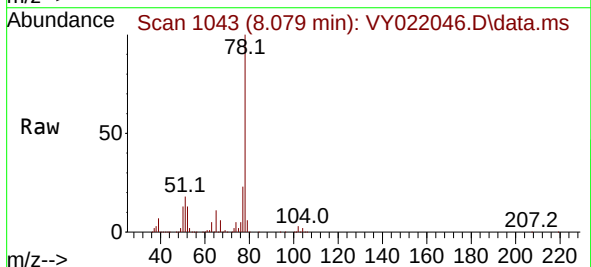
Manual Integrations
APPROVED

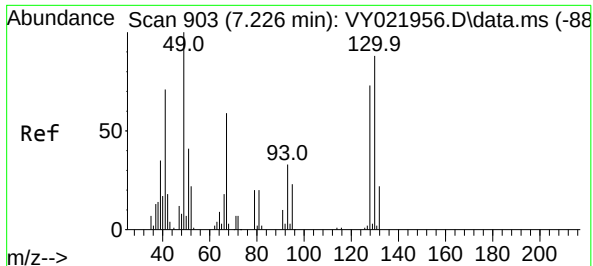
Reviewed By :Semsettin Yesilyurt 04/30/2025
Supervised By :Mahesh Dadoda 04/30/2025



#40
Benzene
Concen: 46.906 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VY022046.D
Acq: 29 Apr 2025 09:28

Tgt Ion: 78 Resp: 631609
Ion Ratio Lower Upper
78 100
77 23.1 19.3 28.9





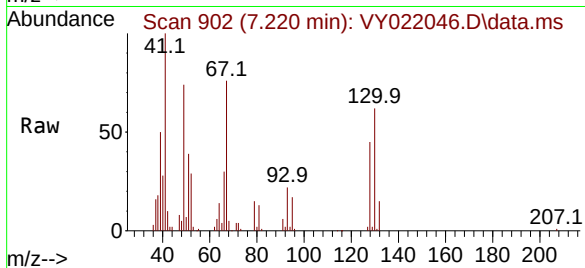
#41
Methacrylonitrile
Concen: 41.395 ug/l
RT: 7.220 min Scan# 903
Delta R.T. -0.006 min
Lab File: VY022046.D
Acq: 29 Apr 2025 09:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

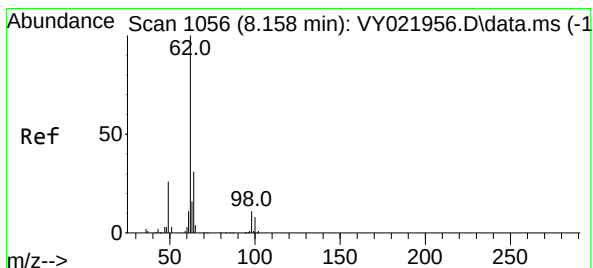
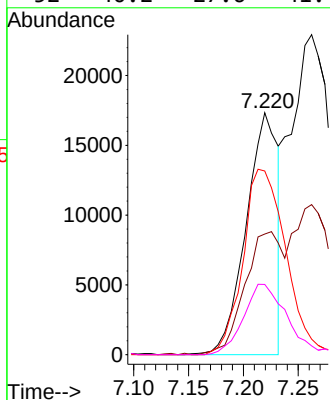
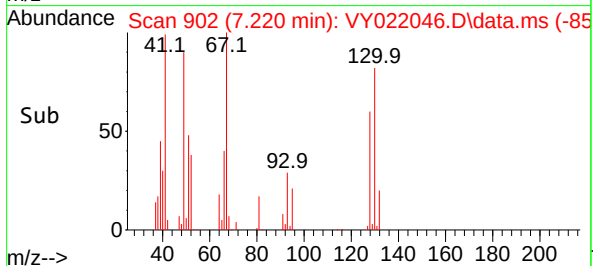


Tgt Ion: 41 Resp: 35008
Ion Ratio Lower Upper
41 100
39 61.4 36.6 55.0
67 103.9 72.2 108.4
52 40.2 27.6 41.4

Manual Integrations

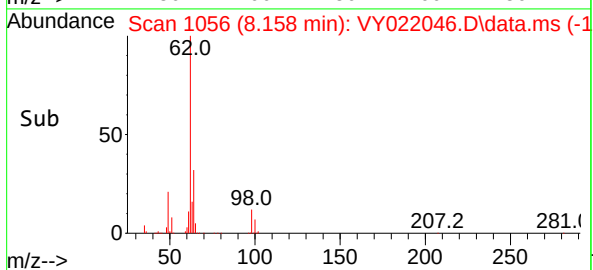
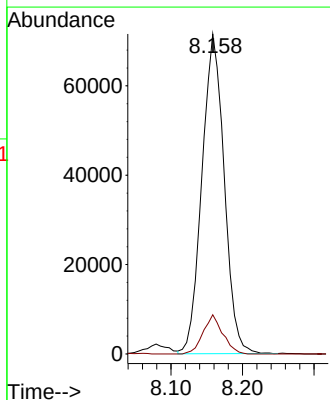
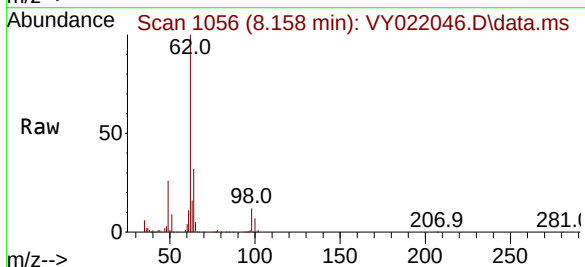
APPROVED

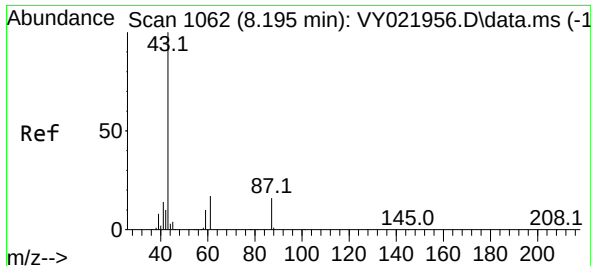
Reviewed By :Semsettin Yesilyurt 04/30/2025
Supervised By :Mahesh Dadoda 04/30/2025



#42
1,2-Dichloroethane
Concen: 46.477 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VY022046.D
Acq: 29 Apr 2025 09:28

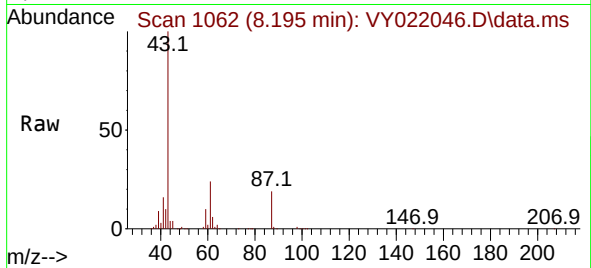
Tgt Ion: 62 Resp: 154947
Ion Ratio Lower Upper
62 100
98 10.8 0.0 22.0





#43
Isopropyl Acetate
Concen: 46.389 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. -0.000 min
Lab File: VY022046.D
Acq: 29 Apr 2025 09:28

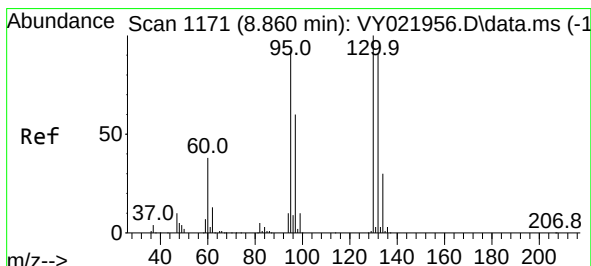
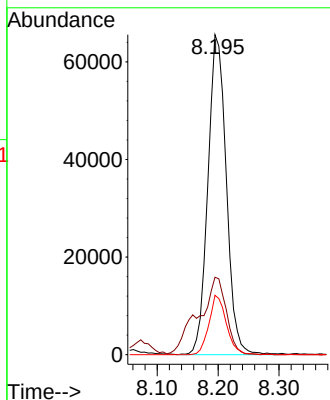
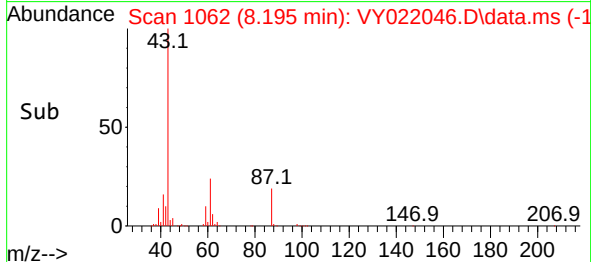
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 137822
Ion Ratio Lower Upper
43 100
61 36.2 18.9 28.3
87 17.6 13.7 20.5

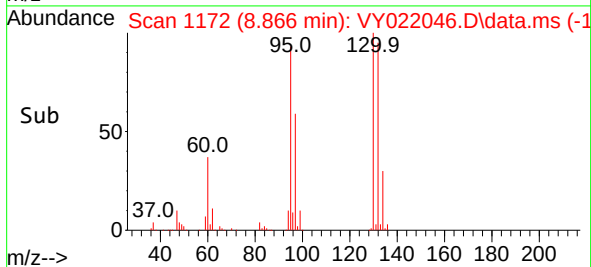
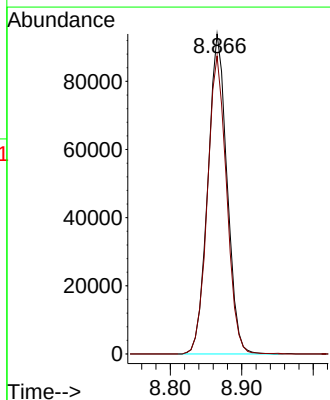
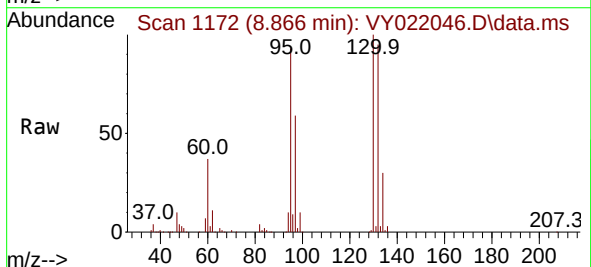
Manual Integrations
APPROVED

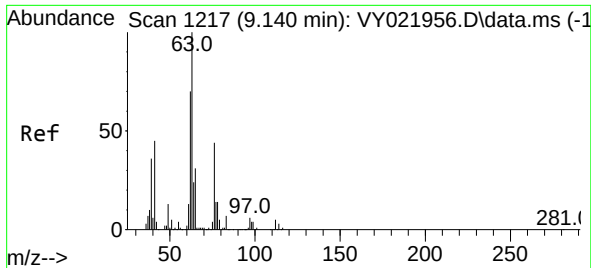
Reviewed By :Semsettin Yesilyurt 04/30/2025
Supervised By :Mahesh Dadoda 04/30/2025



#44
Trichloroethene
Concen: 46.887 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.006 min
Lab File: VY022046.D
Acq: 29 Apr 2025 09:28

Tgt Ion:130 Resp: 174874
Ion Ratio Lower Upper
130 100
95 93.1 0.0 183.2





#45

1,2-Dichloropropane

Concen: 46.764 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.000 min

Lab File: VY022046.D

Acq: 29 Apr 2025 09:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 13925

Ion Ratio Lower Upper

63 100

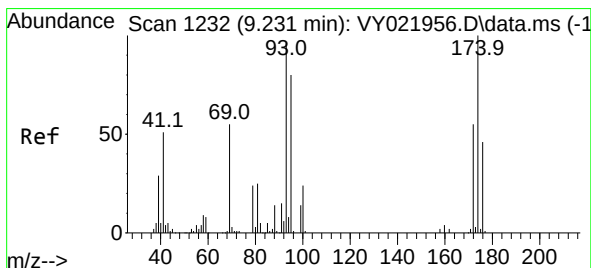
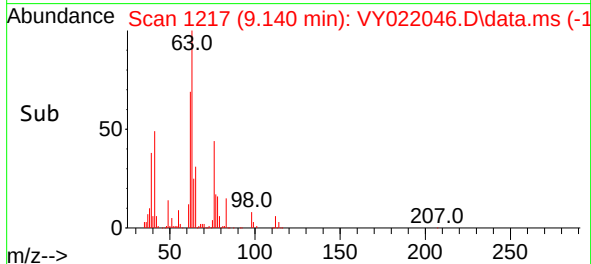
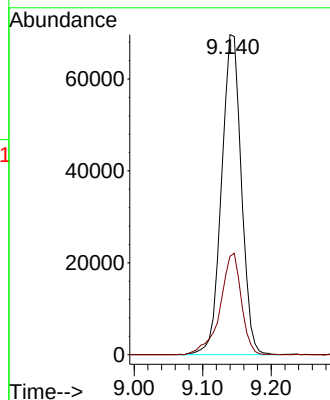
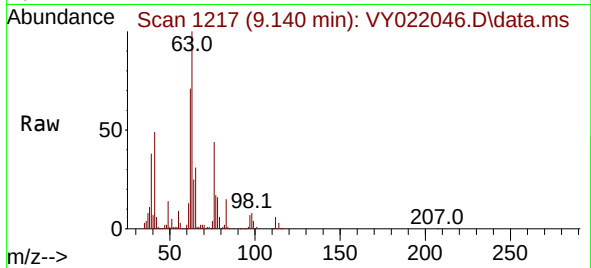
65 30.8 25.2 37.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/30/2025

Supervised By :Mahesh Dadoda 04/30/2025



#46

Dibromomethane

Concen: 47.082 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY022046.D

Acq: 29 Apr 2025 09:28

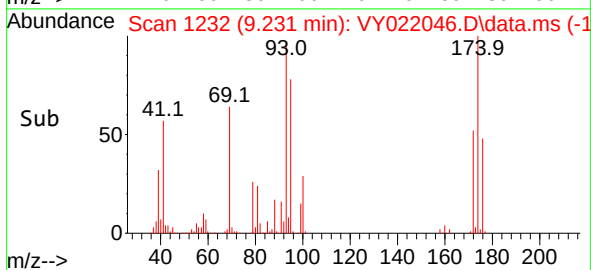
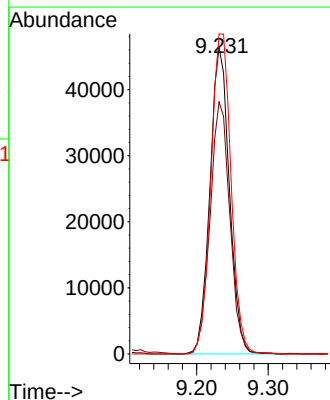
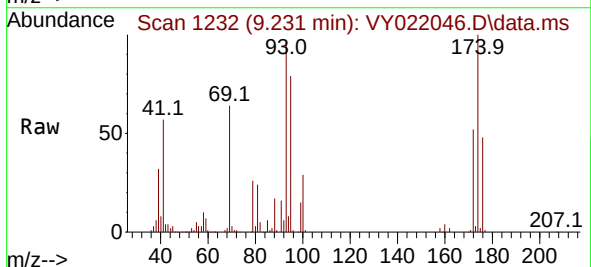
Tgt Ion: 93 Resp: 87764

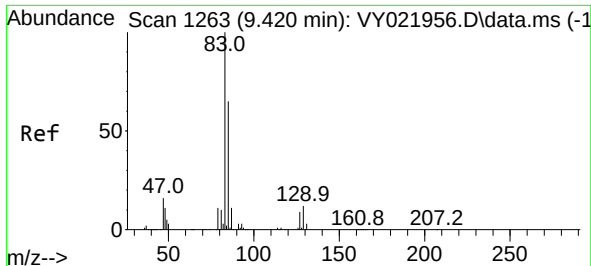
Ion Ratio Lower Upper

93 100

95 83.5 66.7 100.1

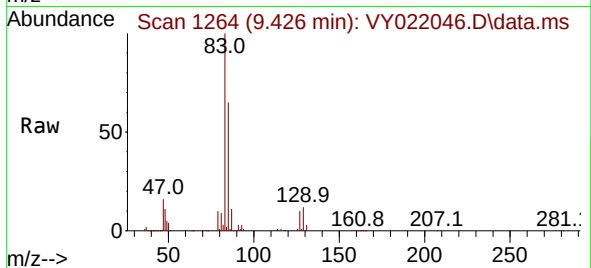
174 108.2 84.6 127.0





#47
Bromodichloromethane
Concen: 47.592 ug/l
RT: 9.426 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VY022046.D
Acq: 29 Apr 2025 09:28

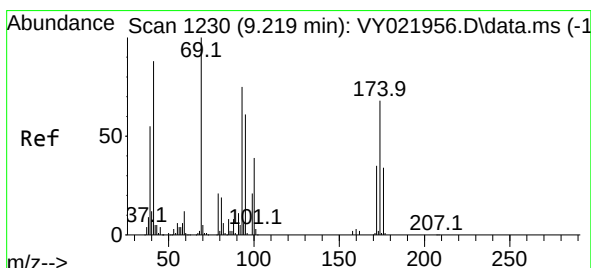
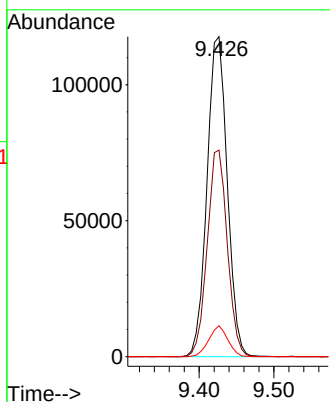
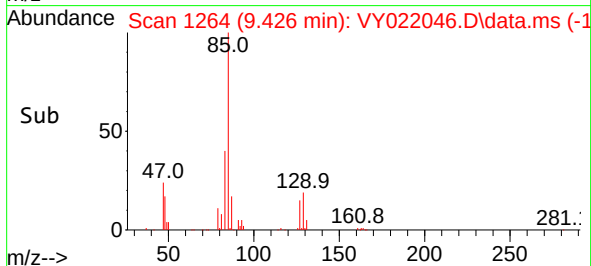
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 221624
Ion Ratio Lower Upper
83 100
85 64.5 51.8 77.8
127 9.7 7.0 10.6

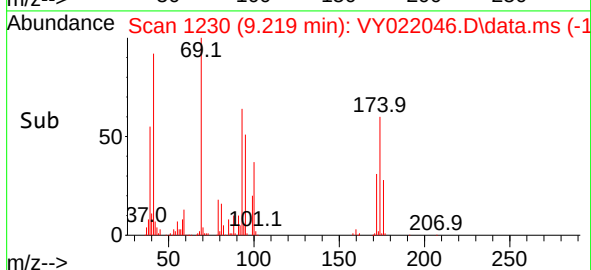
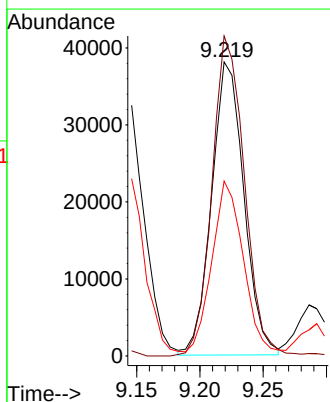
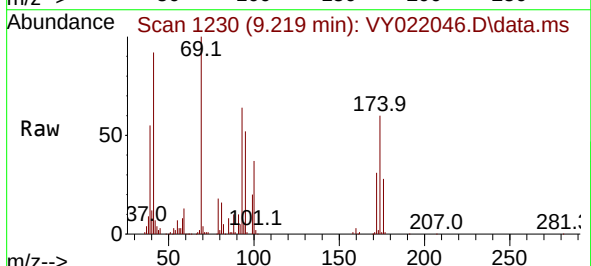
Manual Integrations
APPROVED

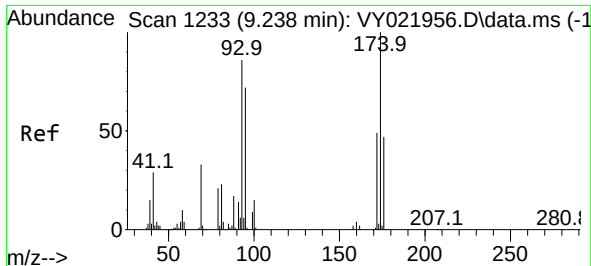
Reviewed By :Semsettin Yesilyurt 04/30/2025
Supervised By :Mahesh Dadoda 04/30/2025



#48
Methyl methacrylate
Concen: 49.274 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.000 min
Lab File: VY022046.D
Acq: 29 Apr 2025 09:28

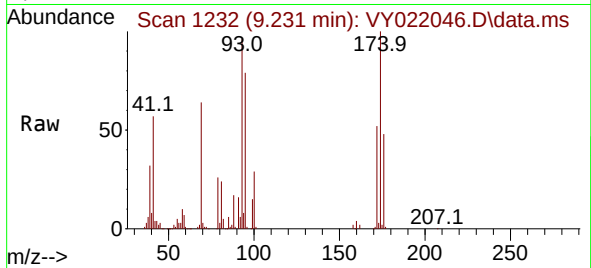
Tgt Ion: 41 Resp: 67675
Ion Ratio Lower Upper
41 100
69 109.2 85.5 128.3
39 56.2 46.2 69.4





#49
1,4-Dioxane
Concen: 997.336 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. -0.006 min
Lab File: VY022046.D
Acq: 29 Apr 2025 09:28

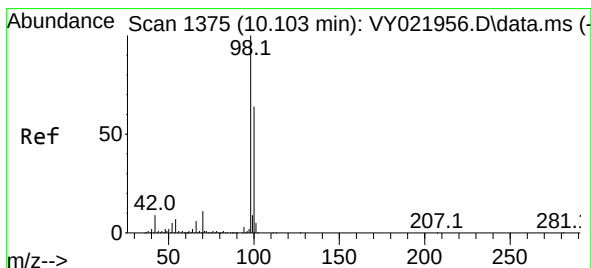
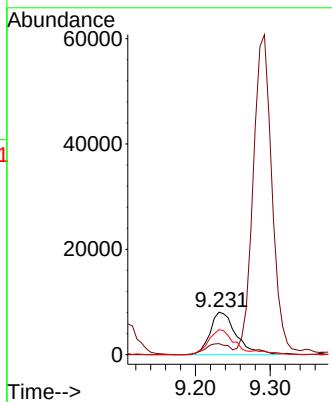
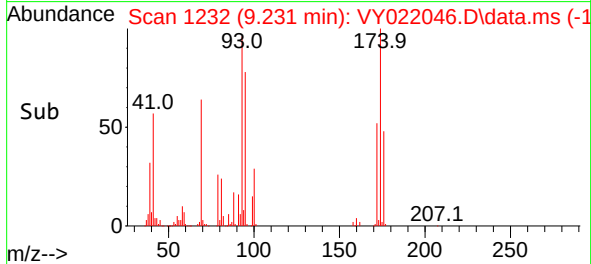
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



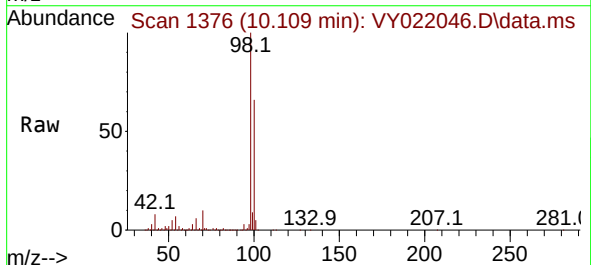
Tgt Ion: 88 Resp: 1981
Ion Ratio Lower Upper
88 100
43 23.2 21.3 31.9
58 55.8 50.5 75.7

Manual Integrations
APPROVED

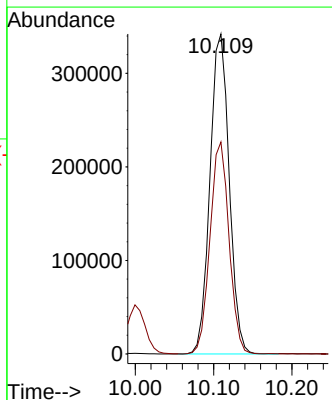
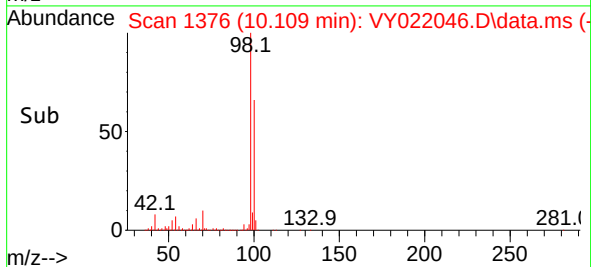
Reviewed By :Semsettin Yesilyurt 04/30/2025
Supervised By :Mahesh Dadoda 04/30/2025

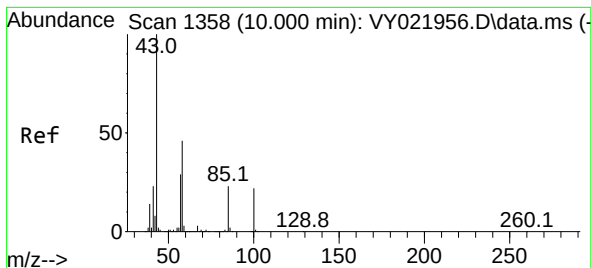


#50
Toluene-d8
Concen: 48.273 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY022046.D
Acq: 29 Apr 2025 09:28



Tgt Ion: 98 Resp: 583606
Ion Ratio Lower Upper
98 100
100 65.5 51.6 77.4





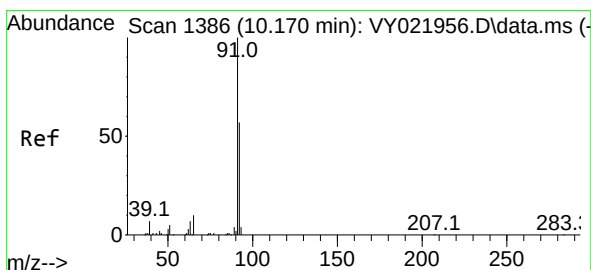
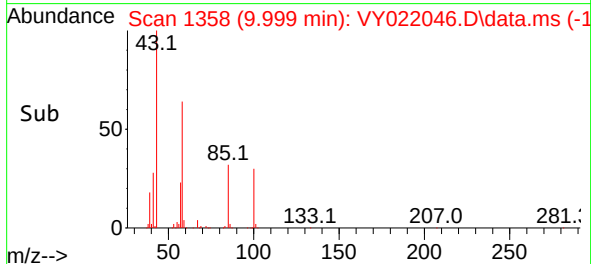
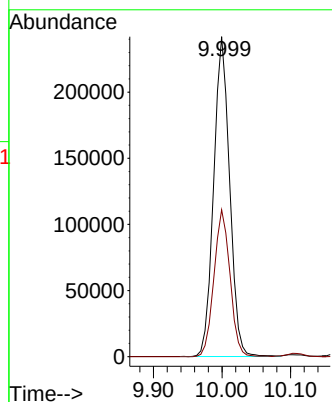
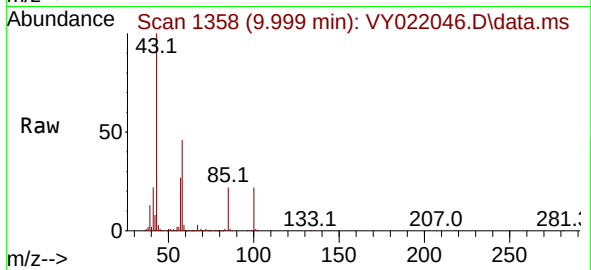
#51
4-Methyl-2-Pentanone
Concen: 250.912 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VY022046.D
Acq: 29 Apr 2025 09:28

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 390782
Ion Ratio Lower Upper
43 100
58 46.1 36.6 55.0

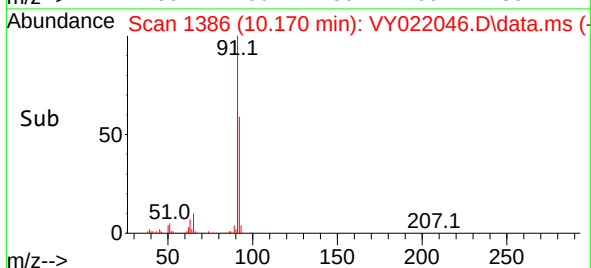
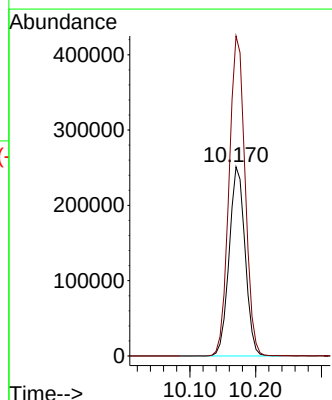
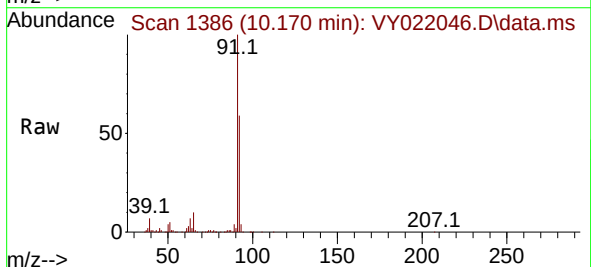
Manual Integrations
APPROVED

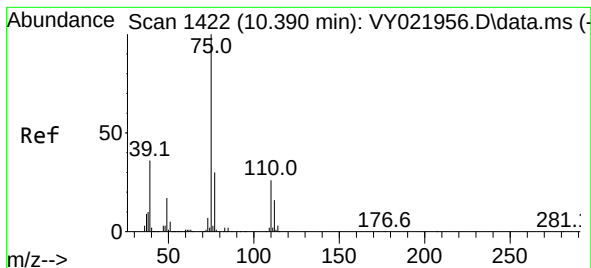
Reviewed By :Semsettin Yesilyurt 04/30/2025
Supervised By :Mahesh Dadoda 04/30/2025



#52
Toluene
Concen: 48.468 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VY022046.D
Acq: 29 Apr 2025 09:28

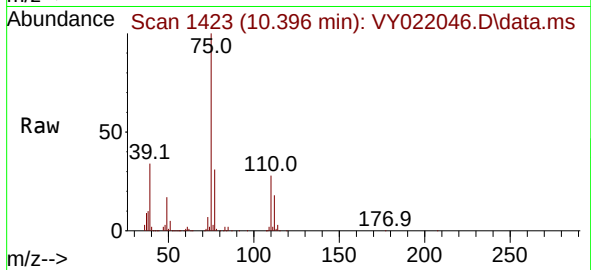
Tgt Ion: 92 Resp: 422459
Ion Ratio Lower Upper
92 100
91 170.6 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 47.779 ug/l
RT: 10.396 min Scan# 1422
Delta R.T. 0.006 min
Lab File: VY022046.D
Acq: 29 Apr 2025 09:28

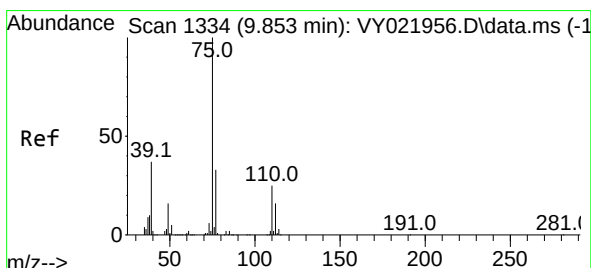
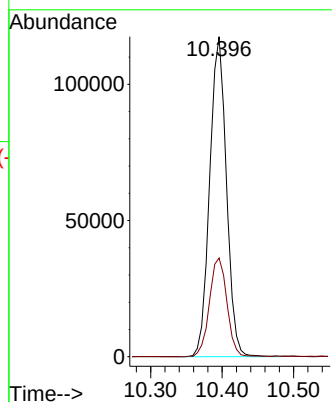
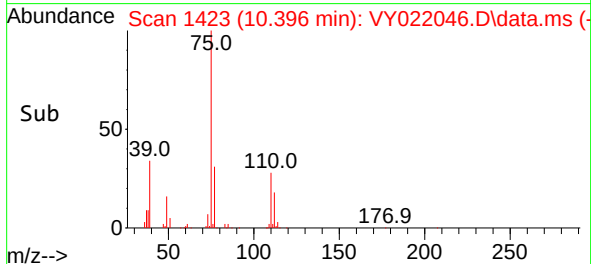
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



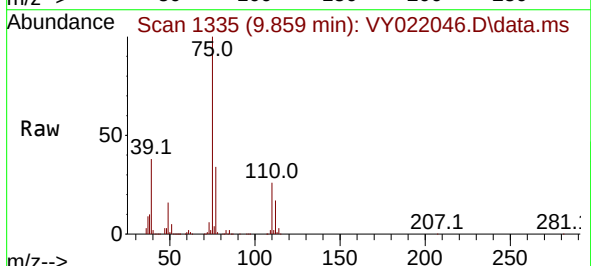
Tgt Ion: 75 Resp: 19084
Ion Ratio Lower Upper
75 100
77 30.8 24.0 36.0

Manual Integrations
APPROVED

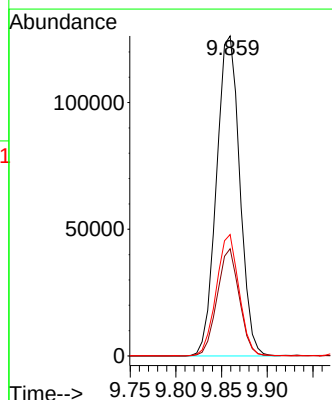
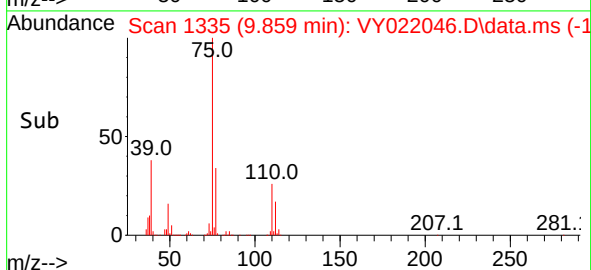
Reviewed By :Semsettin Yesilyurt 04/30/2025
Supervised By :Mahesh Dadoda 04/30/2025

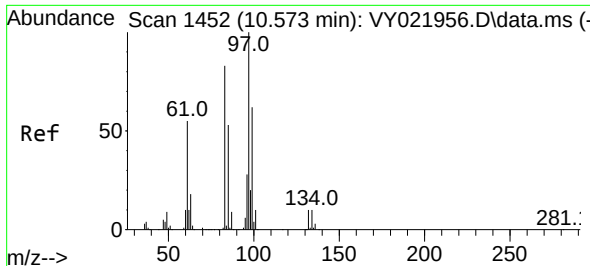


#54
cis-1,3-Dichloropropene
Concen: 47.184 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.006 min
Lab File: VY022046.D
Acq: 29 Apr 2025 09:28



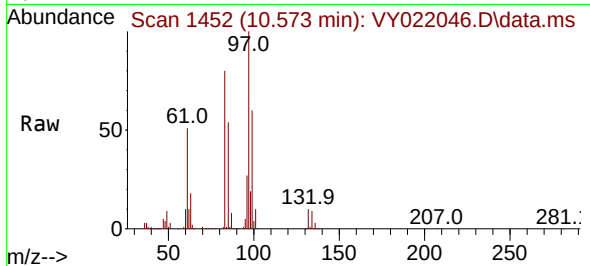
Tgt Ion: 75 Resp: 224035
Ion Ratio Lower Upper
75 100
77 33.5 26.6 40.0
39 37.9 29.6 44.4





#55
1,1,2-Trichloroethane
Concen: 48.179 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VY022046.D
Acq: 29 Apr 2025 09:28

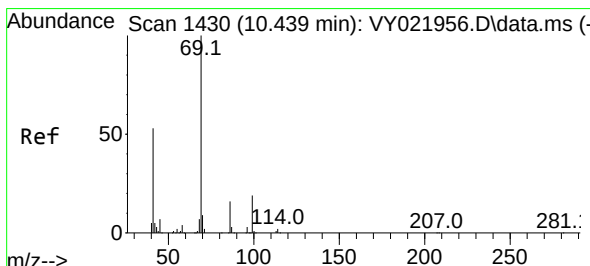
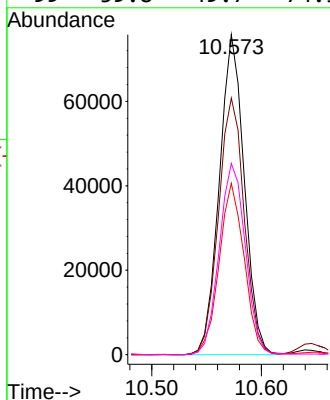
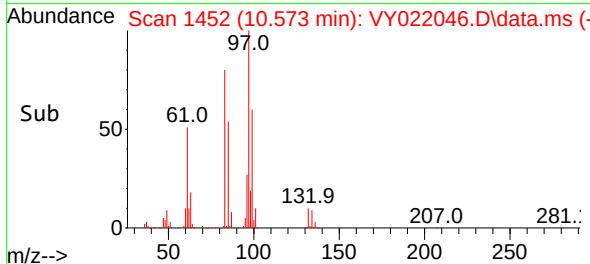
Instrument : MSVOA_Y
ClientSampleId : VSTDCCC050



Tgt Ion	Ratio	Lower	Upper
97	100		
83	80.2	66.7	100.1
85	53.6	42.6	64.0
99	59.8	49.7	74.5

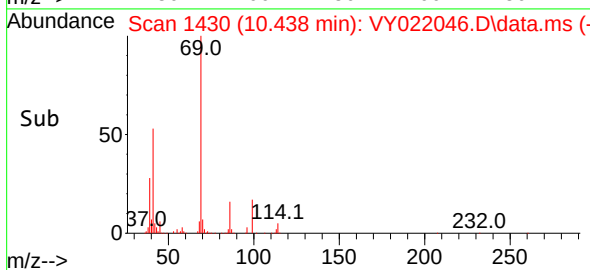
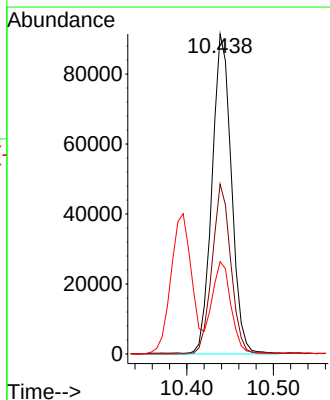
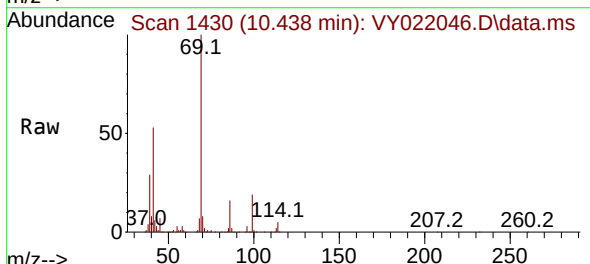
Manual Integrations
APPROVED

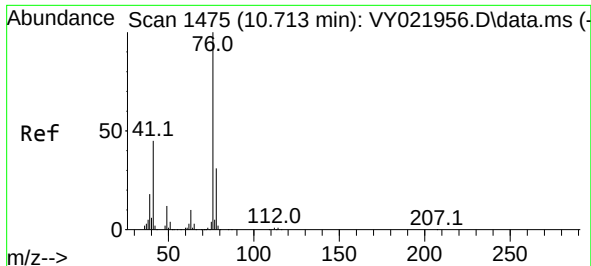
Reviewed By :Semsettin Yesilyurt 04/30/2025
Supervised By :Mahesh Dadoda 04/30/2025



#56
Ethyl methacrylate
Concen: 49.904 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VY022046.D
Acq: 29 Apr 2025 09:28

Tgt Ion	Ratio	Lower	Upper
69	100		
41	50.9	40.7	61.1
39	27.5	23.3	34.9





#57

1,3-Dichloropropane

Concen: 48.021 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY022046.D

Acq: 29 Apr 2025 09:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 191688

Ion Ratio Lower Upper

76 100

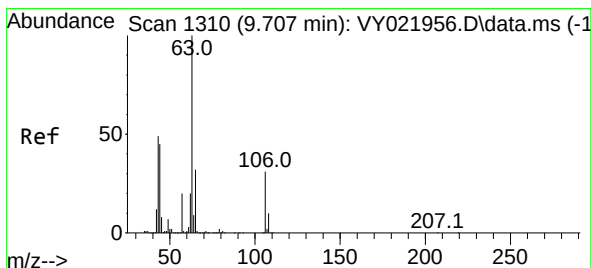
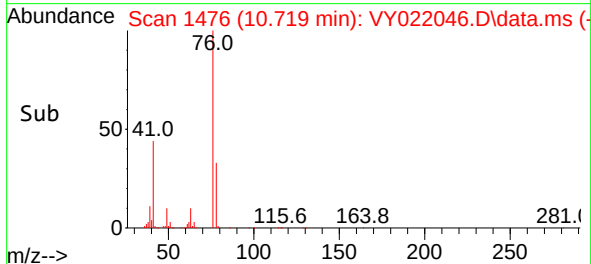
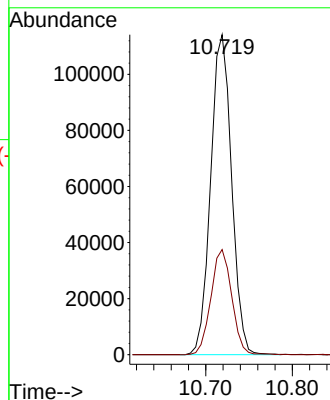
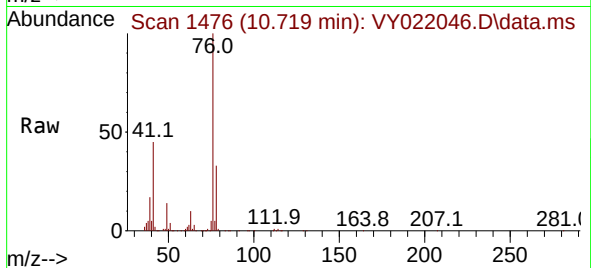
78 32.7 26.6 39.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/30/2025

Supervised By :Mahesh Dadoda 04/30/2025



#58

2-Chloroethyl Vinyl ether

Concen: 264.171 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY022046.D

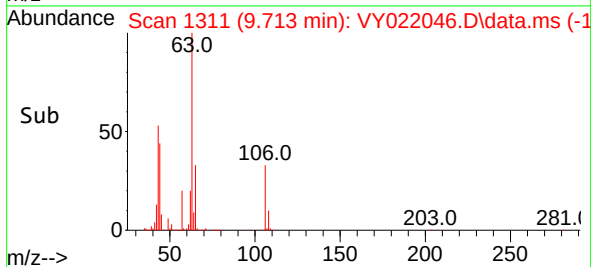
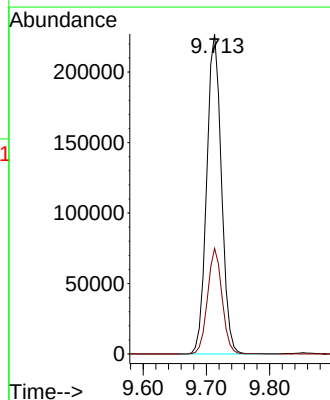
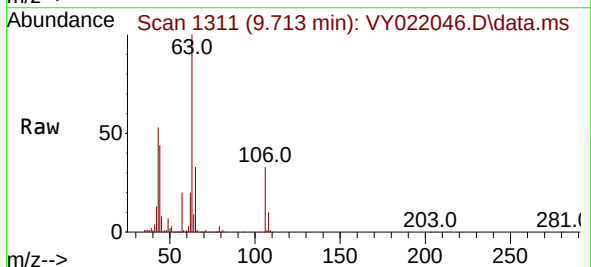
Acq: 29 Apr 2025 09:28

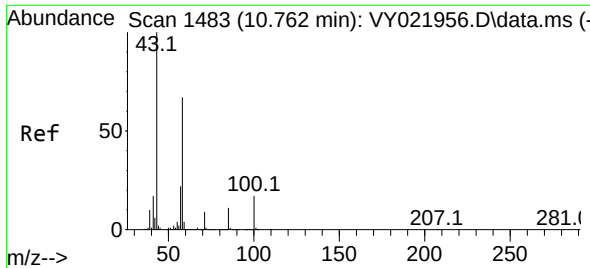
Tgt Ion: 63 Resp: 367778

Ion Ratio Lower Upper

63 100

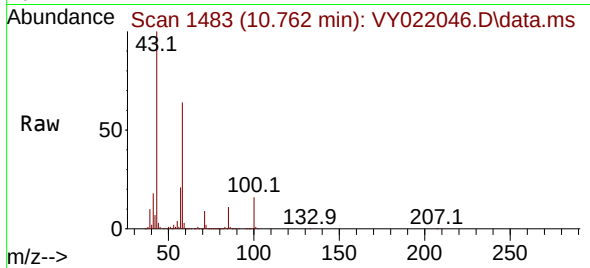
106 32.4 25.3 37.9





#59
2-Hexanone
Concen: 257.500 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY022046.D
Acq: 29 Apr 2025 09:28

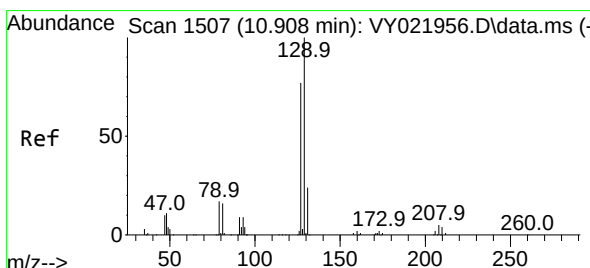
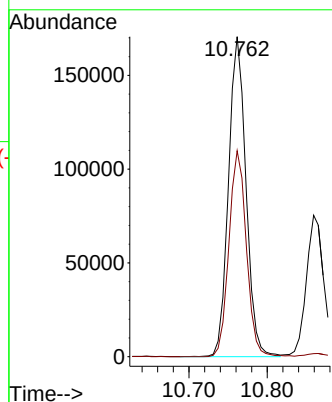
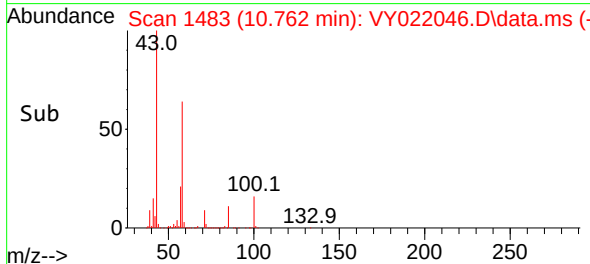
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



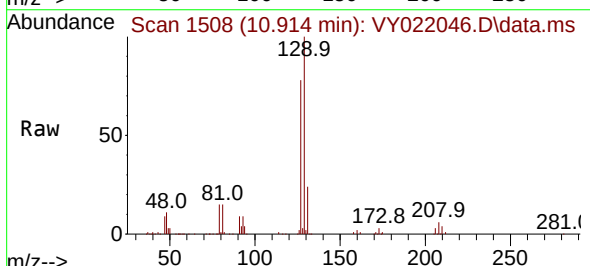
Tgt Ion: 43 Resp: 26452
Ion Ratio Lower Upper
43 100
58 64.3 32.0 96.0

Manual Integrations
APPROVED

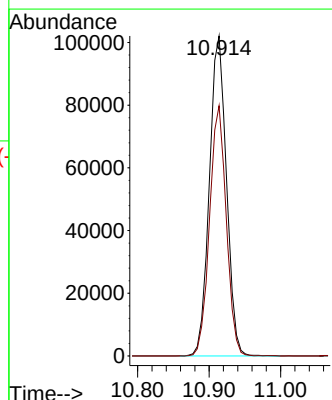
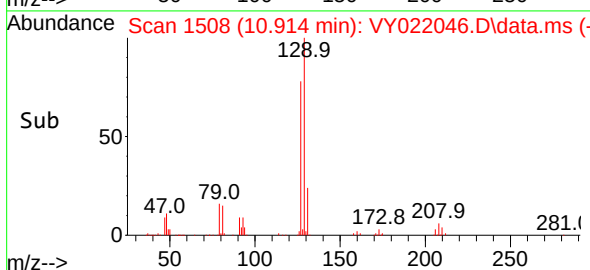
Reviewed By :Semsettin Yesilyurt 04/30/2025
Supervised By :Mahesh Dadoda 04/30/2025

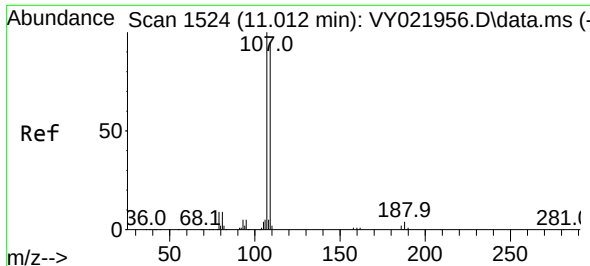


#60
Dibromochloromethane
Concen: 49.071 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY022046.D
Acq: 29 Apr 2025 09:28



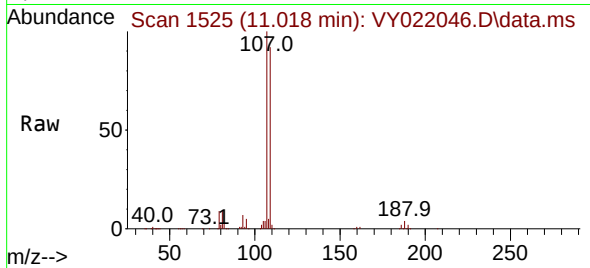
Tgt Ion:129 Resp: 169164
Ion Ratio Lower Upper
129 100
127 76.6 38.5 115.3





#61
1,2-Dibromoethane
Concen: 48.774 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. 0.006 min
Lab File: VY022046.D
Acq: 29 Apr 2025 09:28

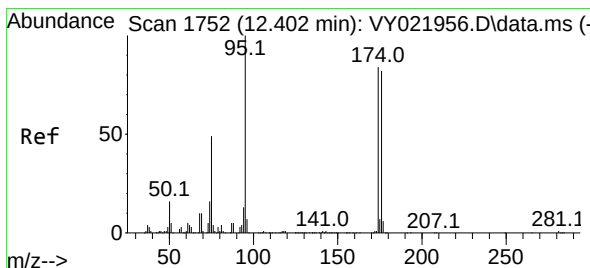
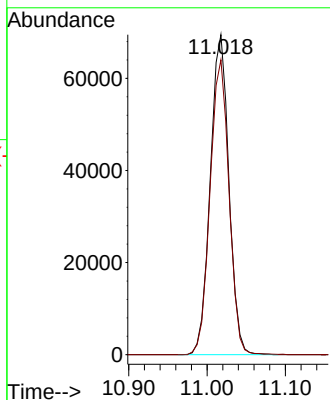
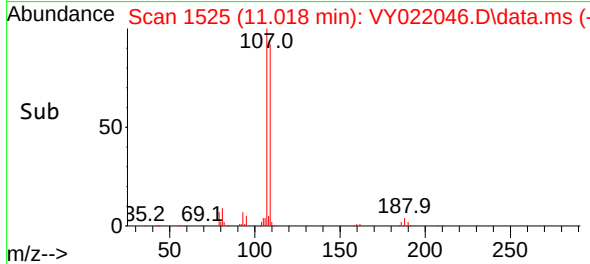
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 11465
Ion Ratio Lower Upper
107 100
109 93.7 75.8 113.8

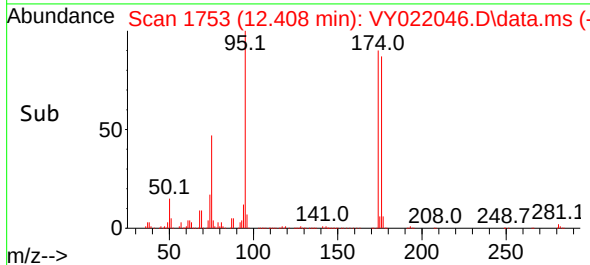
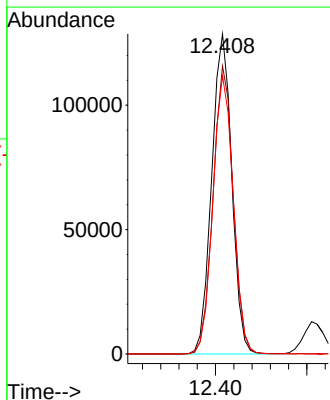
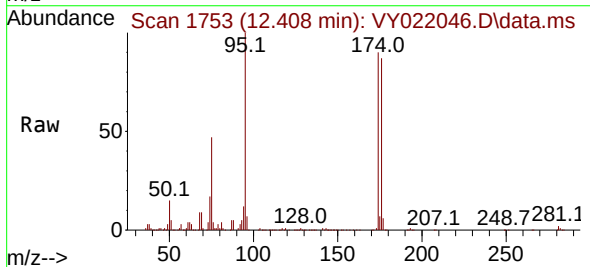
Manual Integrations
APPROVED

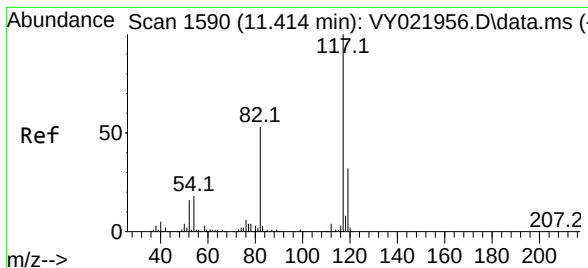
Reviewed By :Semsettin Yesilyurt 04/30/2025
Supervised By :Mahesh Dadoda 04/30/2025



#62
4-Bromofluorobenzene
Concen: 48.133 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY022046.D
Acq: 29 Apr 2025 09:28

Tgt Ion: 95 Resp: 195893
Ion Ratio Lower Upper
95 100
174 90.1 0.0 179.0
176 88.5 0.0 171.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY022046.D

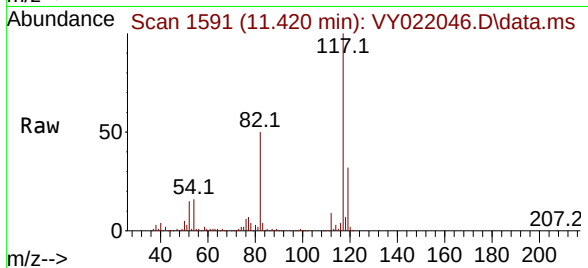
Acq: 29 Apr 2025 09:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050



Tgt Ion:117 Resp: 453549

Ion Ratio Lower Upper

117 100

82 49.8 42.1 63.1

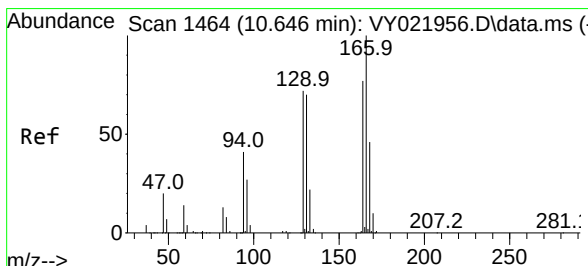
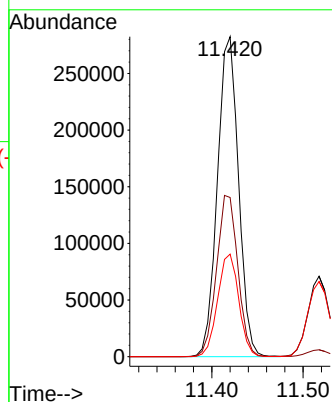
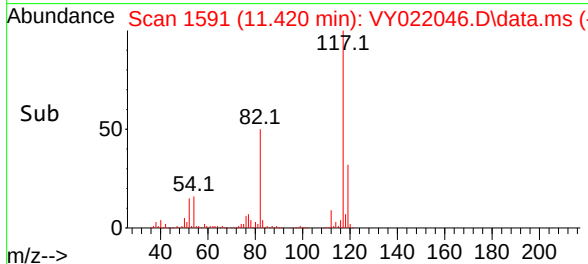
119 32.1 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/30/2025

Supervised By :Mahesh Dadoda 04/30/2025



#64

Tetrachloroethene

Concen: 47.647 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VY022046.D

Acq: 29 Apr 2025 09:28

Tgt Ion:164 Resp: 203863

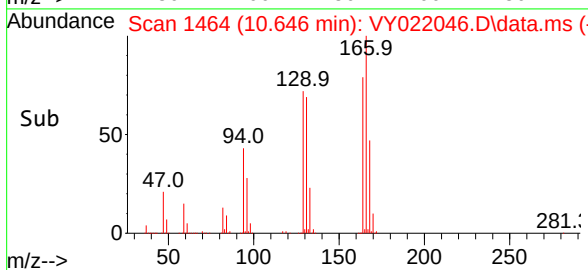
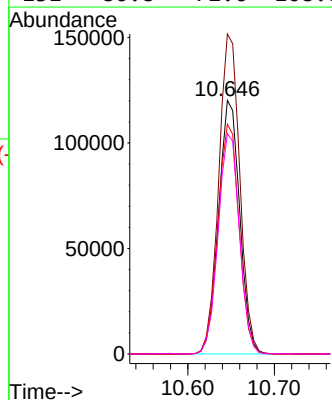
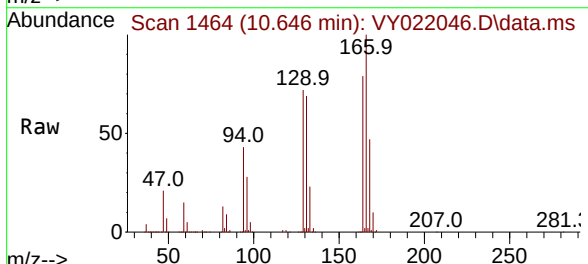
Ion Ratio Lower Upper

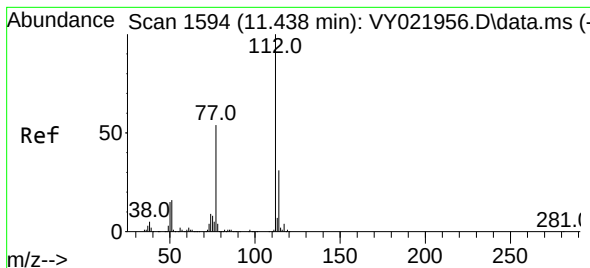
164 100

166 126.2 103.6 155.4

129 90.6 74.2 111.4

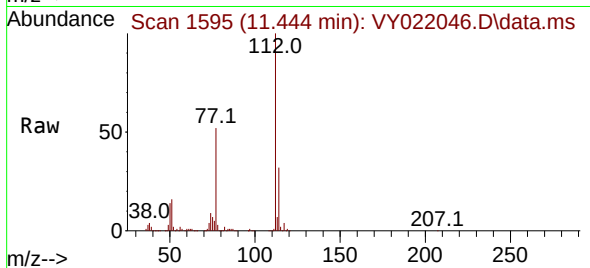
131 86.8 72.6 108.8





#65
Chlorobenzene
Concen: 46.234 ug/l
RT: 11.444 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY022046.D
Acq: 29 Apr 2025 09:28

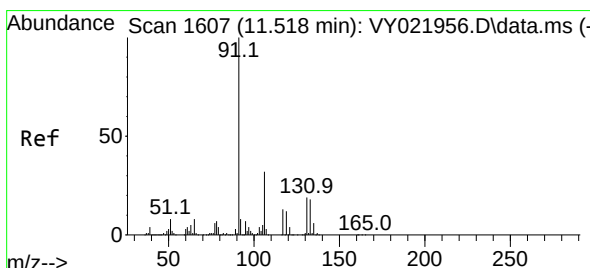
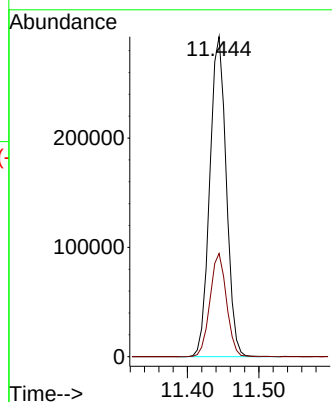
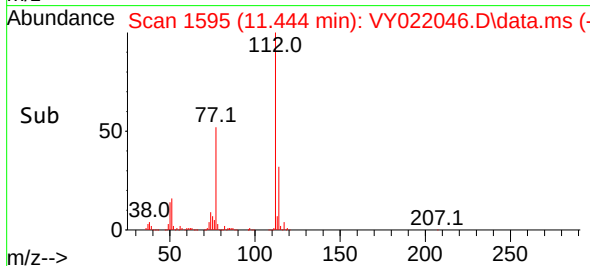
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:112 Resp: 46893
Ion Ratio Lower Upper
112 100
114 32.3 25.0 37.4

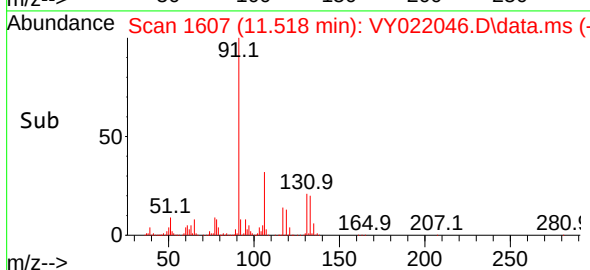
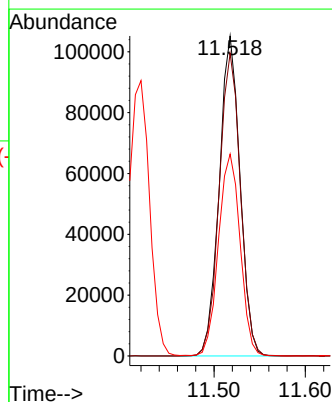
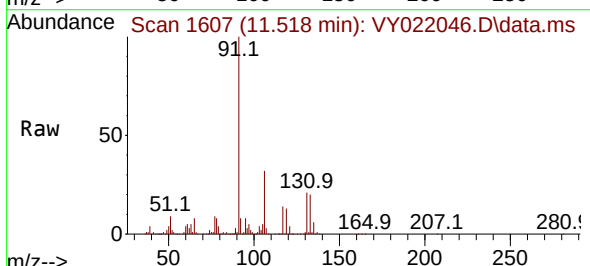
Manual Integrations
APPROVED

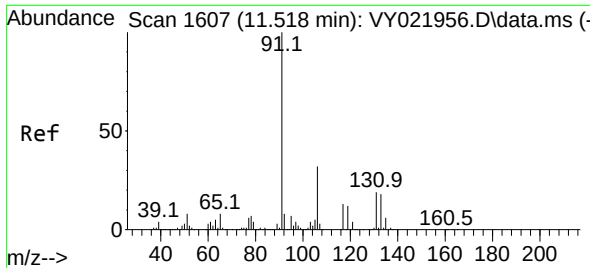
Reviewed By :Semsettin Yesilyurt 04/30/2025
Supervised By :Mahesh Dadoda 04/30/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 46.647 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022046.D
Acq: 29 Apr 2025 09:28

Tgt Ion:131 Resp: 166562
Ion Ratio Lower Upper
131 100
133 96.4 47.8 143.3
119 65.7 32.4 97.0





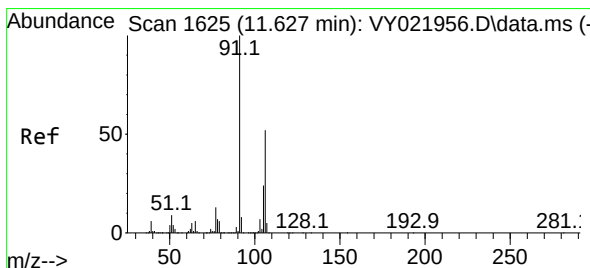
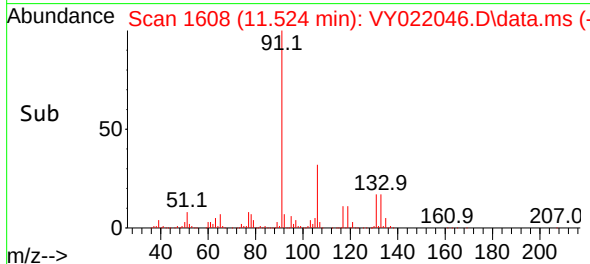
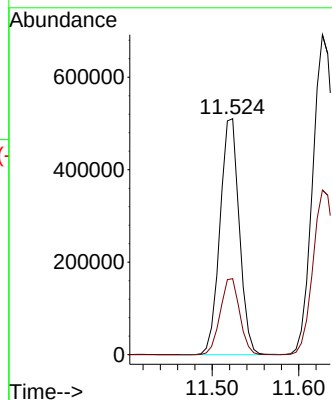
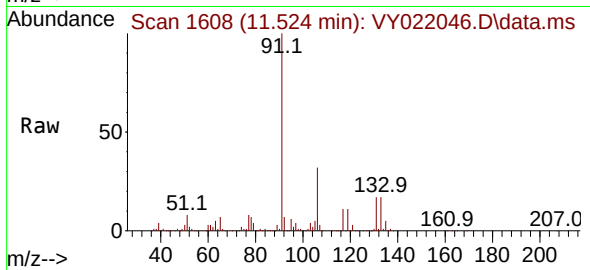
#67
Ethyl Benzene
Concen: 47.678 ug/l
RT: 11.524 min Scan# 1608
Delta R.T. 0.006 min
Lab File: VY022046.D
Acq: 29 Apr 2025 09:28

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 791052
Ion Ratio Lower Upper
91 100
106 32.2 25.9 38.9

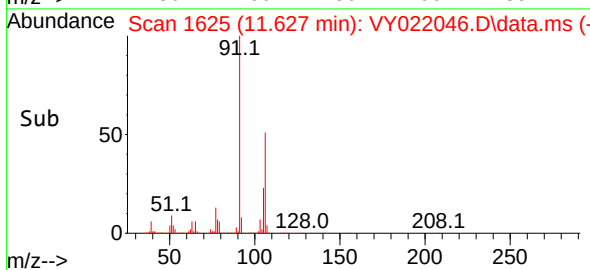
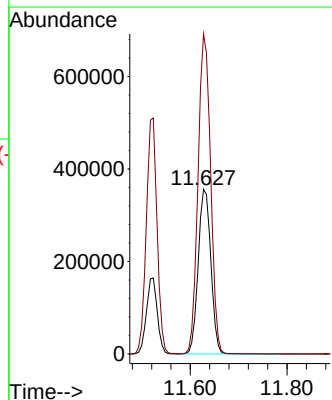
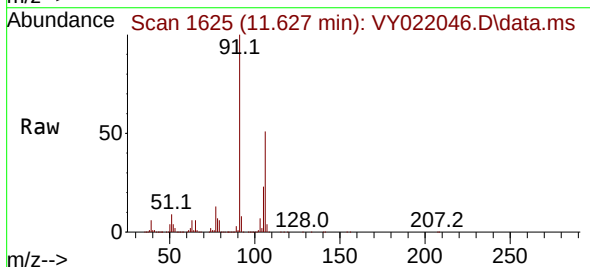
Manual Integrations
APPROVED

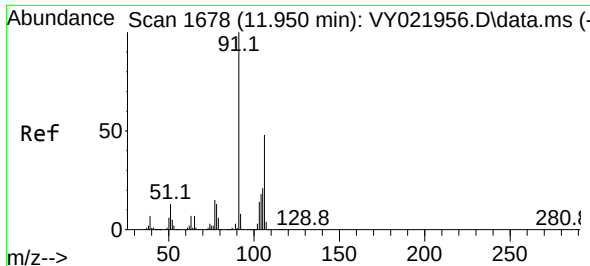
Reviewed By :Semsettin Yesilyurt 04/30/2025
Supervised By :Mahesh Dadoda 04/30/2025



#68
m/p-Xylenes
Concen: 97.760 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.000 min
Lab File: VY022046.D
Acq: 29 Apr 2025 09:28

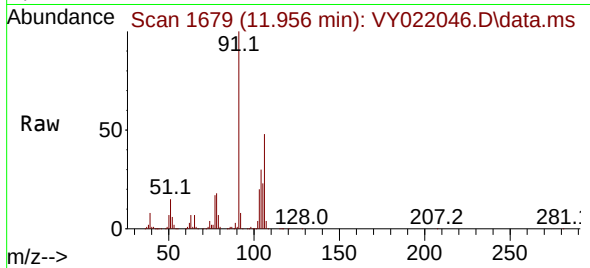
Tgt Ion:106 Resp: 645425
Ion Ratio Lower Upper
106 100
91 193.2 156.2 234.2





#69
o-Xylene
Concen: 48.395 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY022046.D
Acq: 29 Apr 2025 09:28

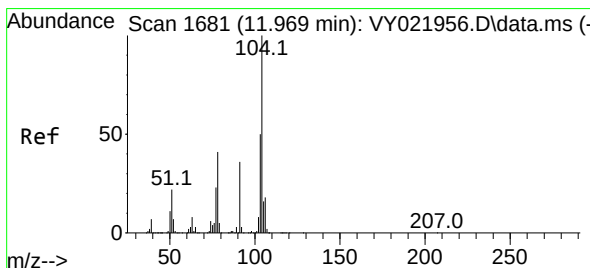
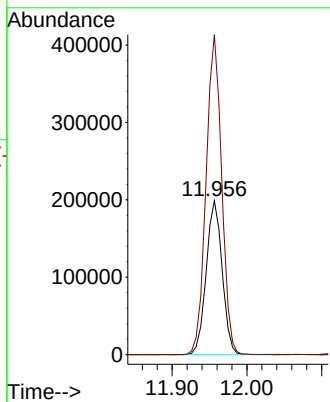
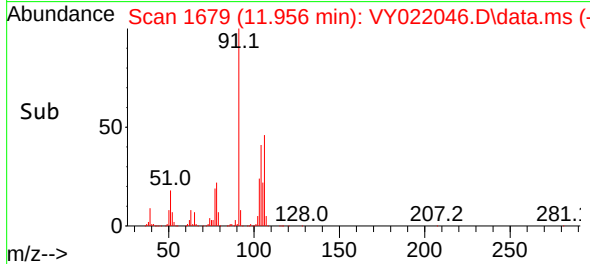
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:106 Resp: 29448
Ion Ratio Lower Upper
106 100
91 203.5 103.0 308.9

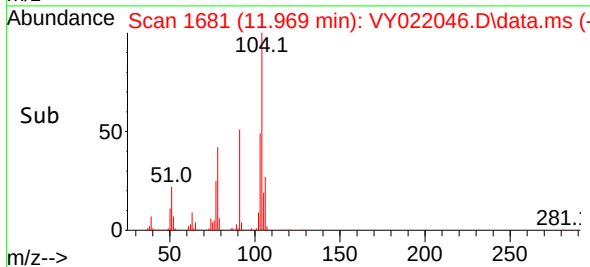
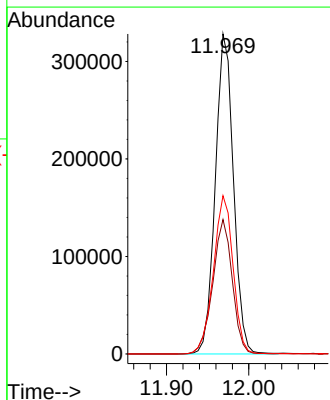
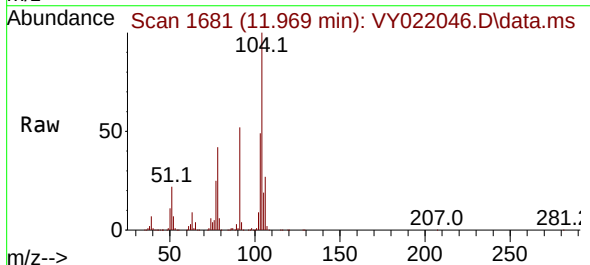
Manual Integrations
APPROVED

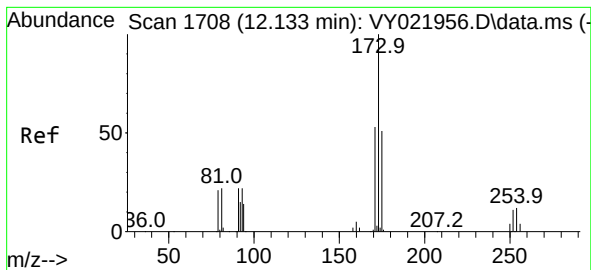
Reviewed By :Semsettin Yesilyurt 04/30/2025
Supervised By :Mahesh Dadoda 04/30/2025



#70
Styrene
Concen: 49.256 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY022046.D
Acq: 29 Apr 2025 09:28

Tgt Ion:104 Resp: 503254
Ion Ratio Lower Upper
104 100
78 45.2 36.6 54.8
103 53.7 43.8 65.8





#71

Bromoform

Concen: 48.842 ug/l

RT: 12.133 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY022046.D

Acq: 29 Apr 2025 09:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 10139

Ion Ratio Lower Upper

173 100

175 49.0 24.3 72.8

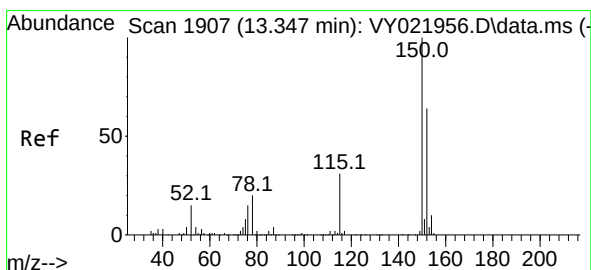
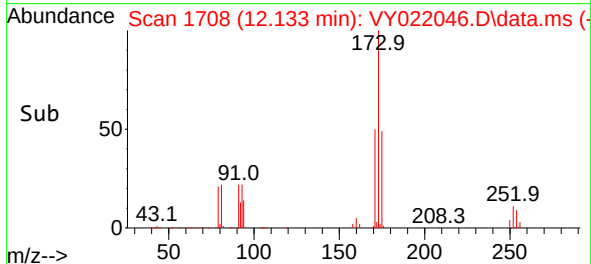
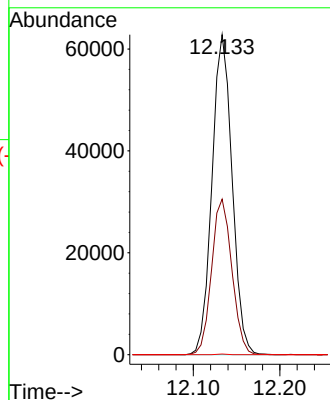
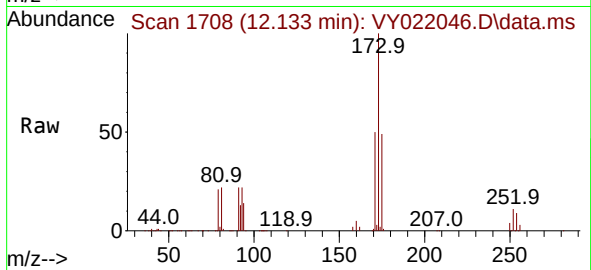
254 0.1 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/30/2025

Supervised By :Mahesh Dadoda 04/30/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY022046.D

Acq: 29 Apr 2025 09:28

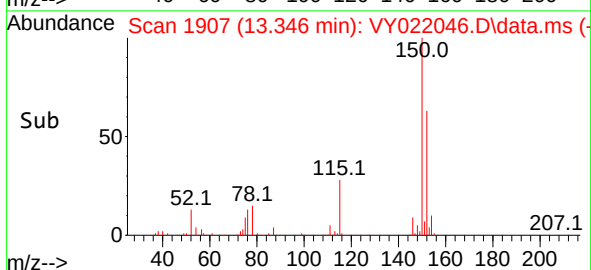
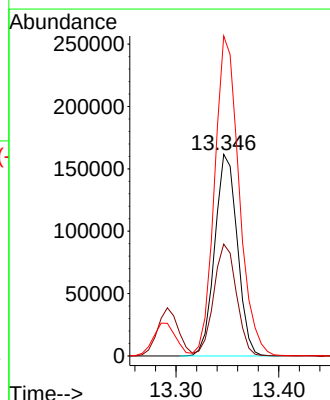
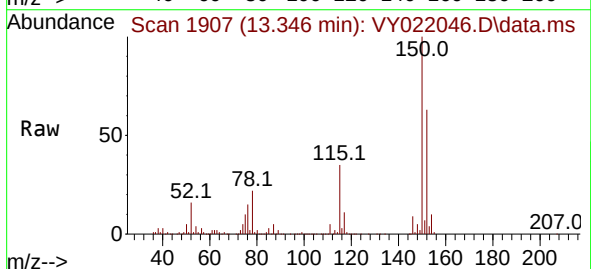
Tgt Ion:152 Resp: 245911

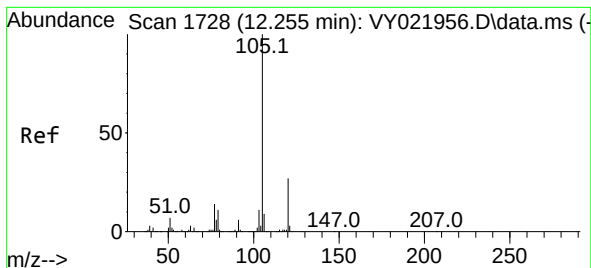
Ion Ratio Lower Upper

152 100

115 56.0 28.0 84.0

150 172.1 0.0 345.6





#73

Isopropylbenzene

Concen: 47.173 ug/l

RT: 12.255 min Scan# 1728

Delta R.T. -0.000 min

Lab File: VY022046.D

Acq: 29 Apr 2025 09:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 775025

Ion Ratio Lower Upper

105 100

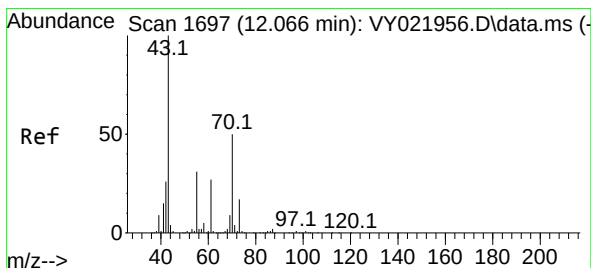
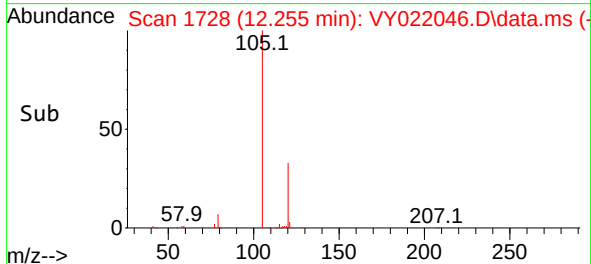
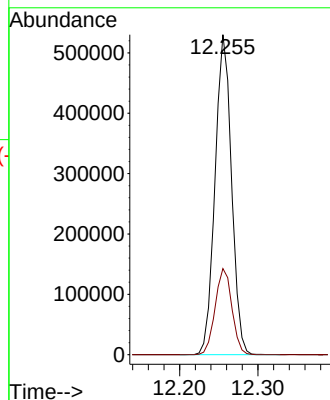
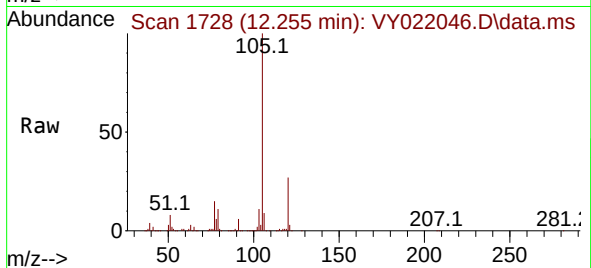
120 27.4 13.5 40.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/30/2025

Supervised By :Mahesh Dadoda 04/30/2025



#74

N-ethyl acetate

Concen: 45.674 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.006 min

Lab File: VY022046.D

Acq: 29 Apr 2025 09:28

Tgt Ion: 43 Resp: 128926

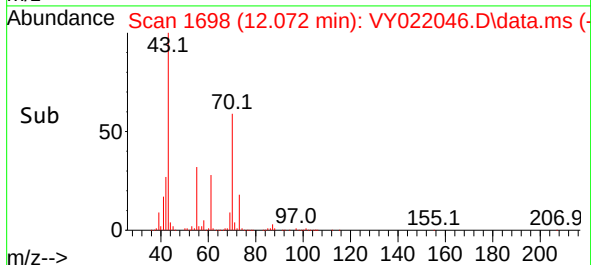
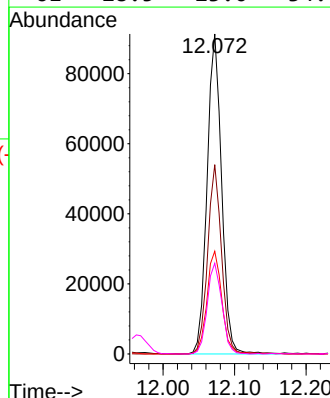
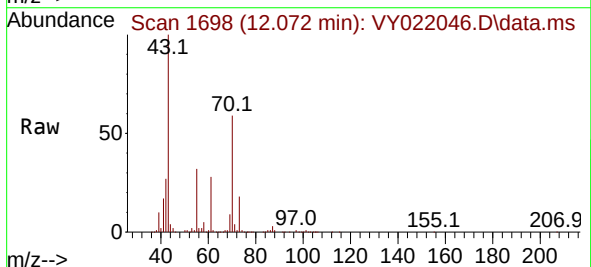
Ion Ratio Lower Upper

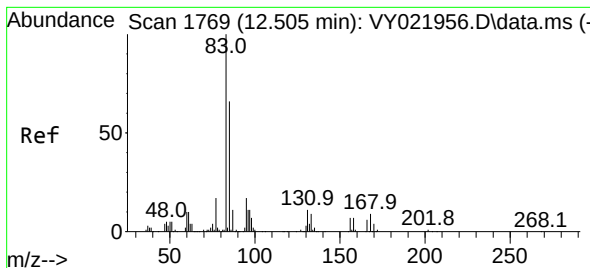
43 100

70 57.0 43.2 64.8

55 33.1 25.7 38.5

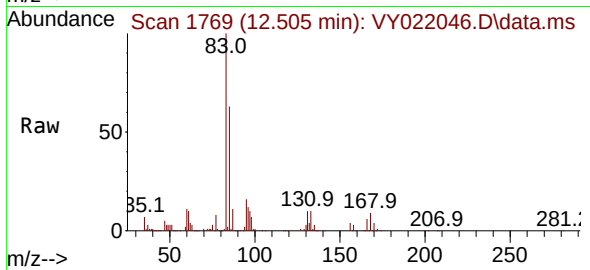
61 28.5 23.0 34.6





#75
1,1,2,2-Tetrachloroethane
Concen: 45.905 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY022046.D
Acq: 29 Apr 2025 09:28

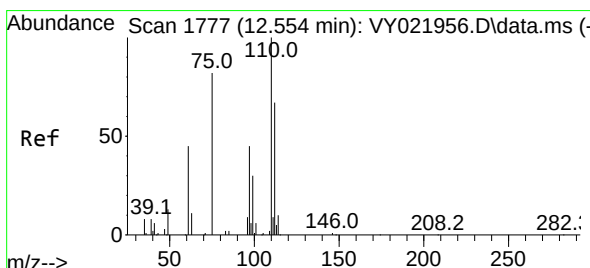
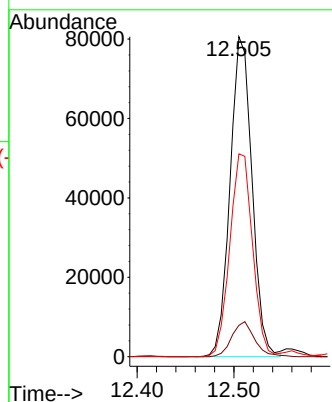
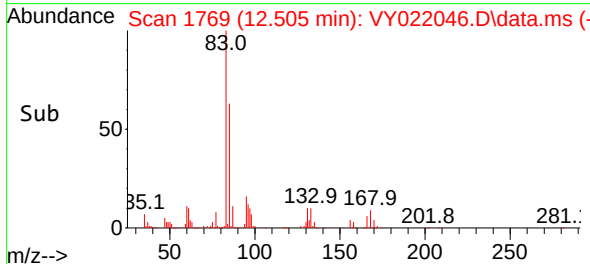
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



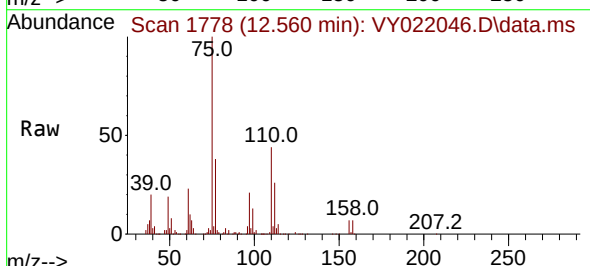
Tgt Ion: 83 Resp: 12715
Ion Ratio Lower Upper
83 100
131 11.4 5.5 16.4
85 65.6 32.3 96.8

Manual Integrations
APPROVED

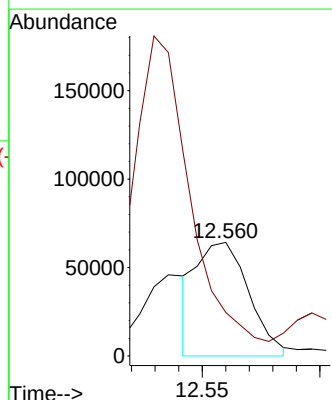
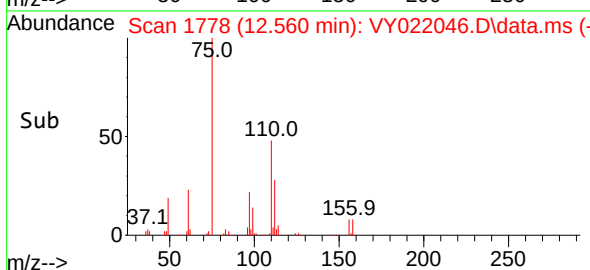
Reviewed By :Semsettin Yesilyurt 04/30/2025
Supervised By :Mahesh Dadoda 04/30/2025

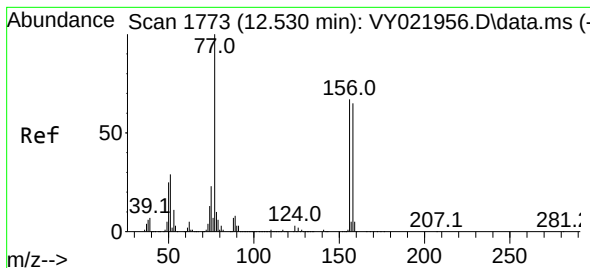


#76
1,2,3-Trichloropropane
Concen: 47.092 ug/l m
RT: 12.560 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VY022046.D
Acq: 29 Apr 2025 09:28



Tgt Ion: 75 Resp: 99193
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 47.020 ug/l

RT: 12.536 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VY022046.D

Acq: 29 Apr 2025 09:28

Instrument :

MSVOA_Y

ClientSampleId :

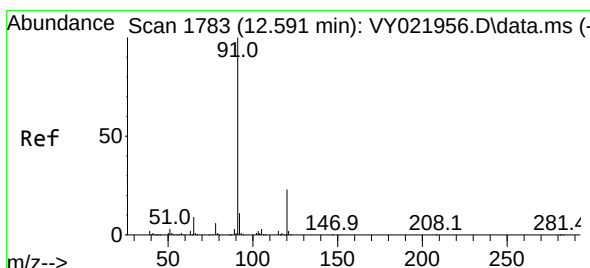
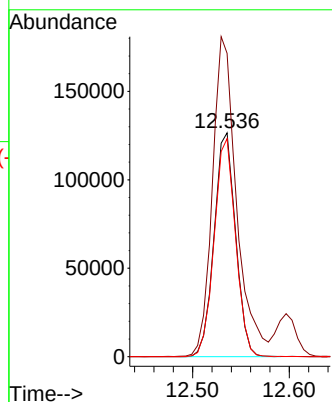
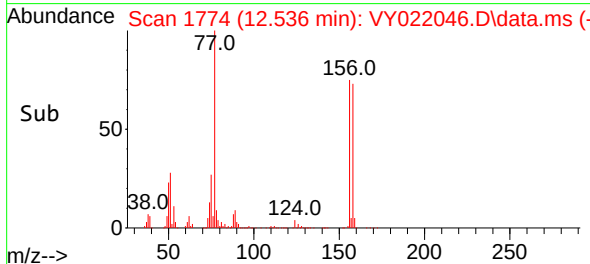
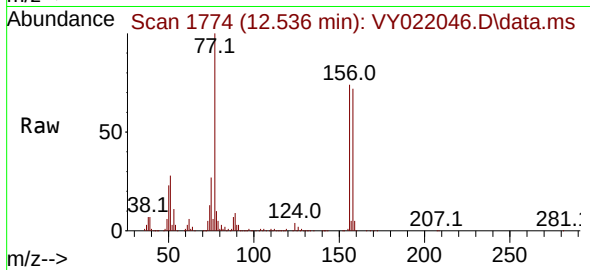
VSTDCCC050

Tgt Ion:156 Resp: 19520
 Ion Ratio Lower Upper
 156 100
 77 161.0 82.7 248.1
 158 97.1 48.1 144.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/30/2025
 Supervised By :Mahesh Dadoda 04/30/2025



#78

n-propylbenzene

Concen: 47.296 ug/l

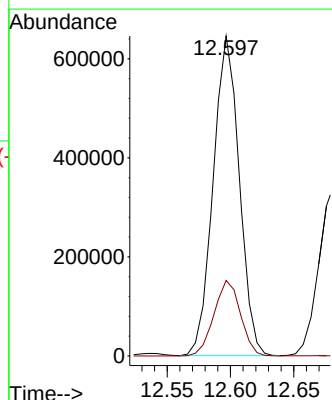
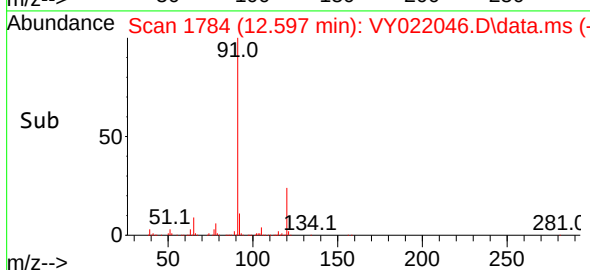
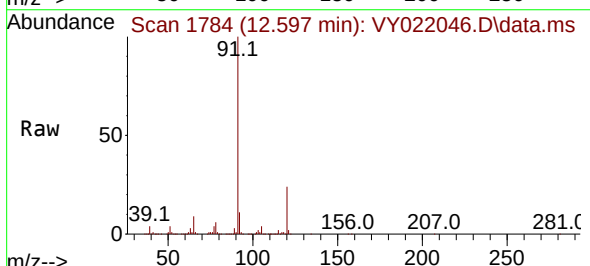
RT: 12.597 min Scan# 1784

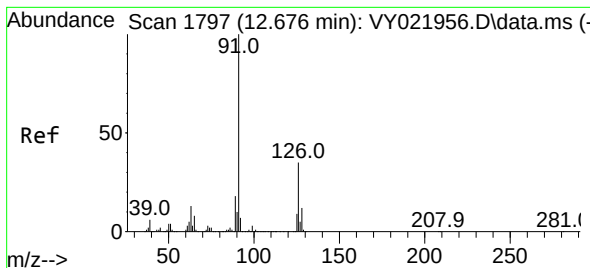
Delta R.T. 0.006 min

Lab File: VY022046.D

Acq: 29 Apr 2025 09:28

Tgt Ion: 91 Resp: 925377
 Ion Ratio Lower Upper
 91 100
 120 23.9 11.9 35.5





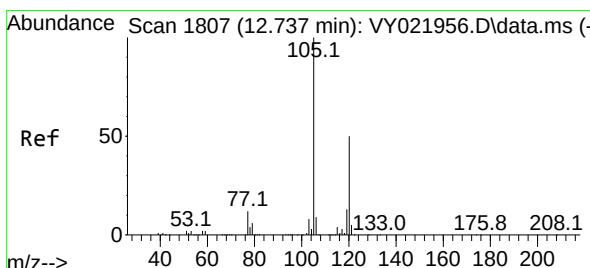
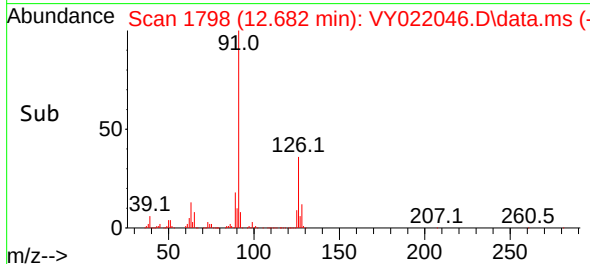
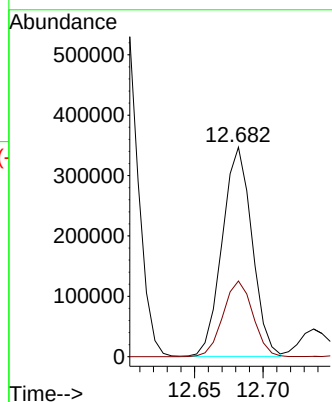
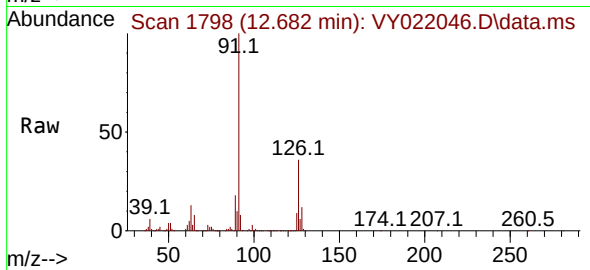
#79
2-Chlorotoluene
Concen: 46.226 ug/l
RT: 12.682 min Scan# 1797
Delta R.T. 0.006 min
Lab File: VY022046.D
Acq: 29 Apr 2025 09:28

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 525989
Ion Ratio Lower Upper
91 100
126 36.2 17.9 53.8

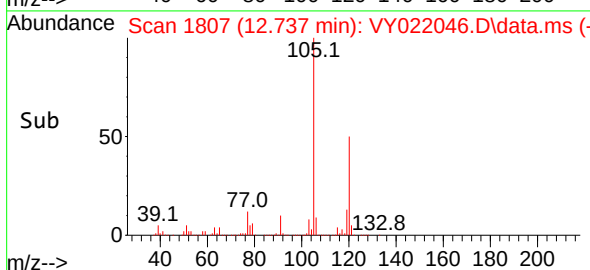
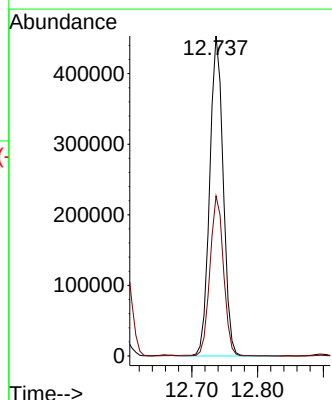
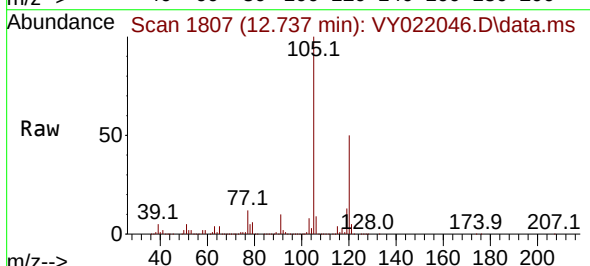
Manual Integrations
APPROVED

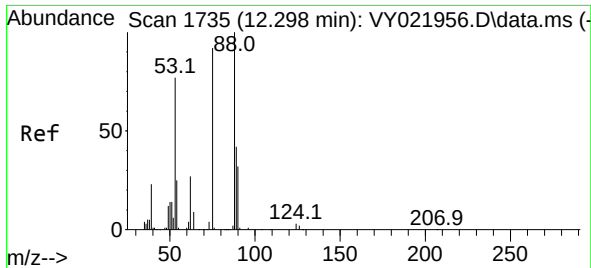
Reviewed By :Semsettin Yesilyurt 04/30/2025
Supervised By :Mahesh Dadoda 04/30/2025



#80
1,3,5-Trimethylbenzene
Concen: 47.830 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY022046.D
Acq: 29 Apr 2025 09:28

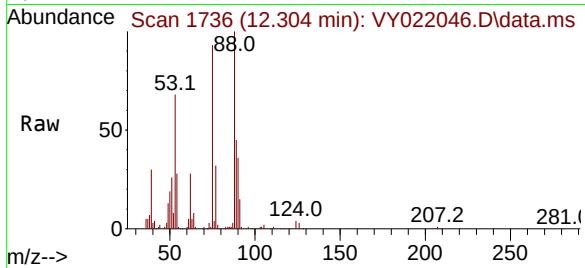
Tgt Ion:105 Resp: 647472
Ion Ratio Lower Upper
105 100
120 50.0 25.0 75.0





#81
trans-1,4-Dichloro-2-butene
Concen: 45.956 ug/l
RT: 12.304 min Scan# 1735
Delta R.T. 0.006 min
Lab File: VY022046.D
Acq: 29 Apr 2025 09:28

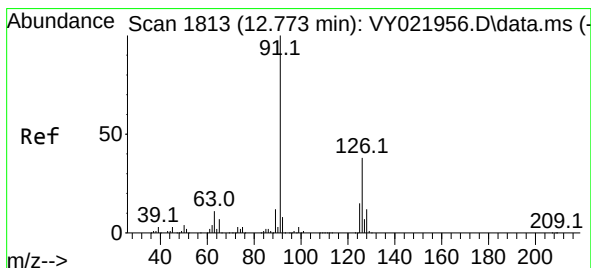
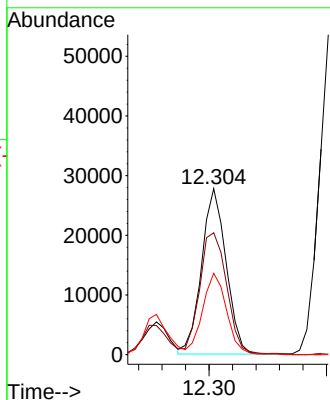
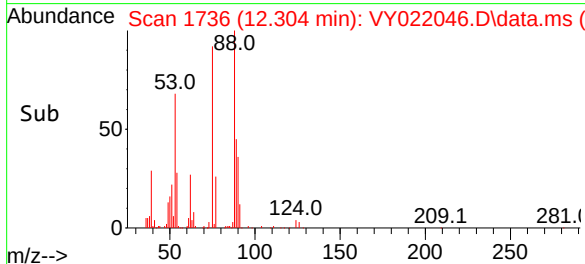
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 40197
Ion Ratio Lower Upper
75 100
53 82.4 66.0 99.0
89 48.3 37.2 55.8

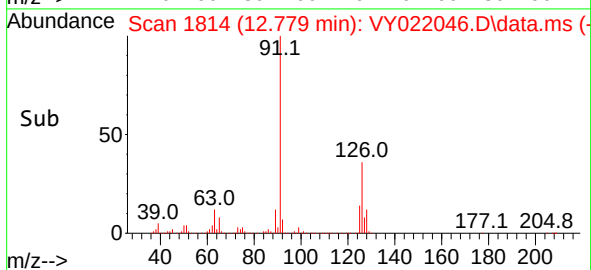
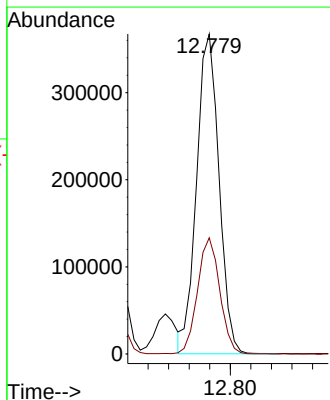
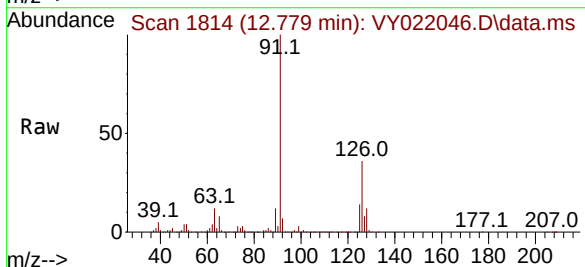
Manual Integrations
APPROVED

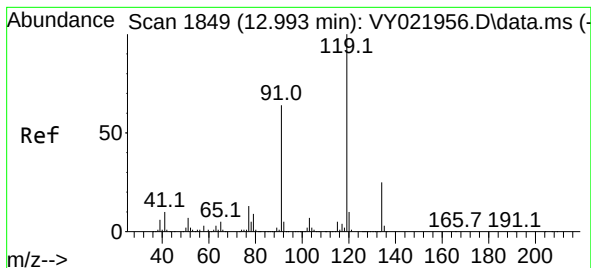
Reviewed By :Semsettin Yesilyurt 04/30/2025
Supervised By :Mahesh Dadoda 04/30/2025



#82
4-Chlorotoluene
Concen: 46.986 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY022046.D
Acq: 29 Apr 2025 09:28

Tgt Ion: 91 Resp: 555774
Ion Ratio Lower Upper
91 100
126 36.1 17.9 53.8





#83

tert-Butylbenzene

Concen: 47.269 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.006 min

Lab File: VY022046.D

Acq: 29 Apr 2025 09:28

Instrument :

MSVOA_Y

ClientSampleId :

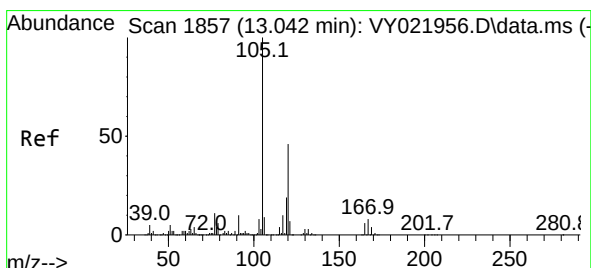
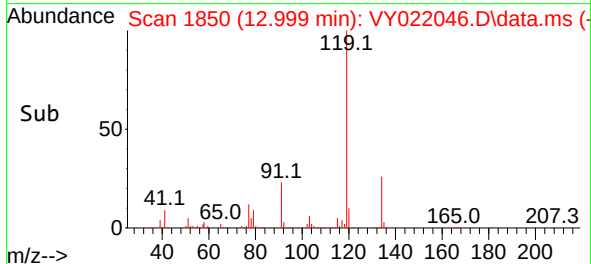
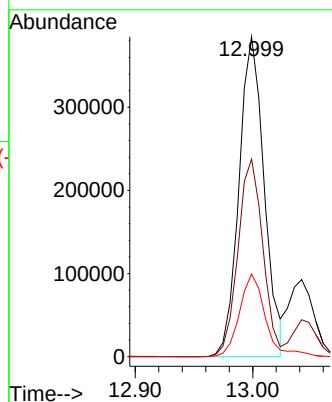
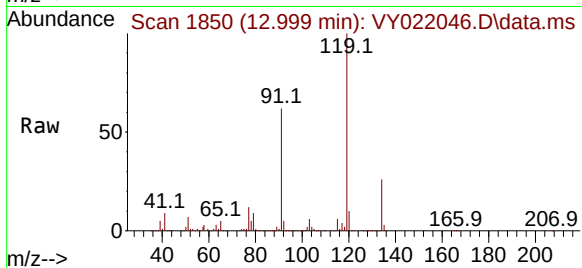
VSTDCCC050

Tgt Ion:	119	Resp:	57387
Ion Ratio	Lower	Upper	
119	100		
91	61.0	30.3	90.9
134	26.6	12.9	38.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/30/2025
Supervised By :Mahesh Dadoda 04/30/2025



#84

1,2,4-Trimethylbenzene

Concen: 47.887 ug/l

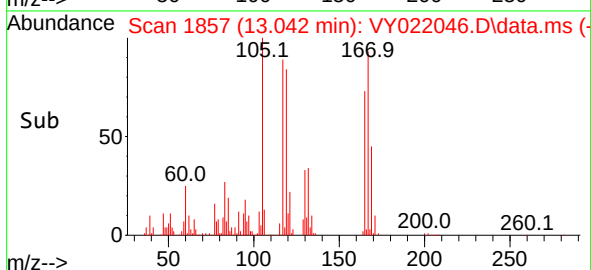
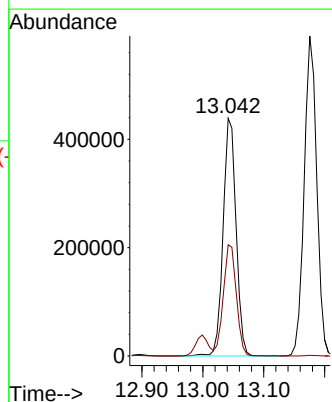
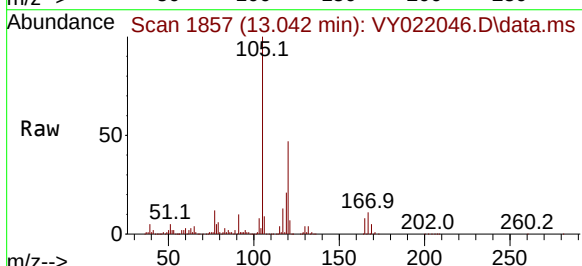
RT: 13.042 min Scan# 1857

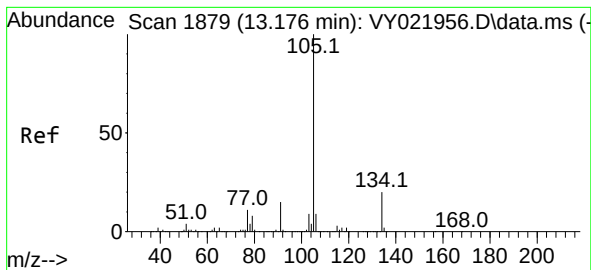
Delta R.T. -0.000 min

Lab File: VY022046.D

Acq: 29 Apr 2025 09:28

Tgt Ion:	105	Resp:	648390
Ion Ratio	Lower	Upper	
105	100		
120	47.1	23.4	70.0





#85

sec-Butylbenzene

Concen: 47.496 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. -0.000 min

Lab File: VY022046.D

Acq: 29 Apr 2025 09:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 843779

Ion Ratio Lower Upper

105 100

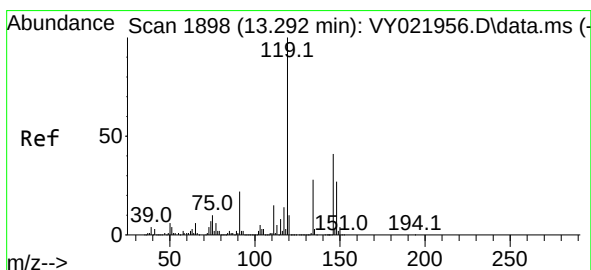
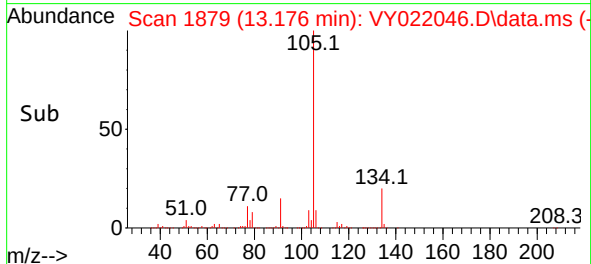
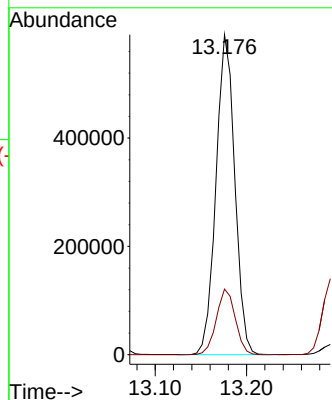
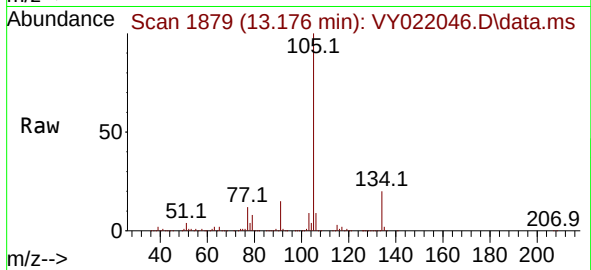
134 20.6 10.3 30.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/30/2025

Supervised By :Mahesh Dadoda 04/30/2025



#86

p-Isopropyltoluene

Concen: 48.314 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. -0.000 min

Lab File: VY022046.D

Acq: 29 Apr 2025 09:28

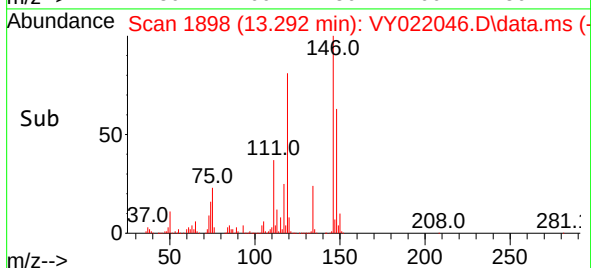
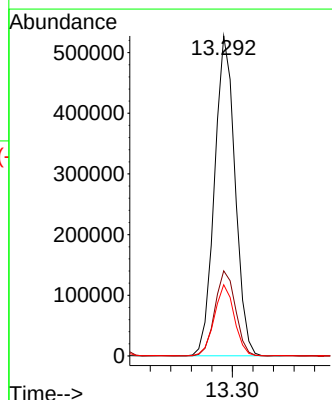
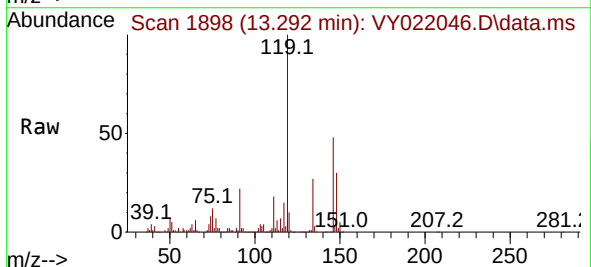
Tgt Ion:119 Resp: 728842

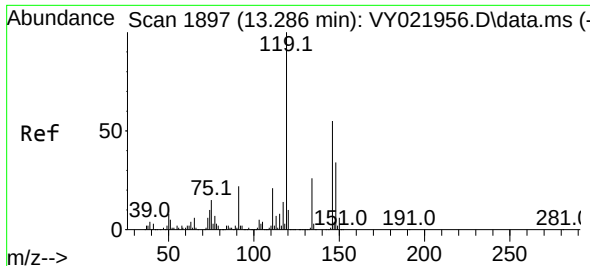
Ion Ratio Lower Upper

119 100

134 26.7 13.6 40.7

91 21.6 11.0 33.0





#87

1,3-Dichlorobenzene

Concen: 46.325 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. -0.000 min

Lab File: VY022046.D

Acq: 29 Apr 2025 09:28

Instrument :

MSVOA_Y

ClientSampleId :

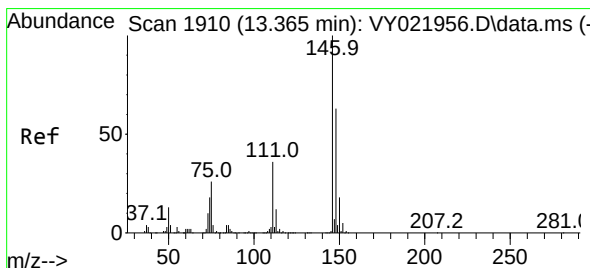
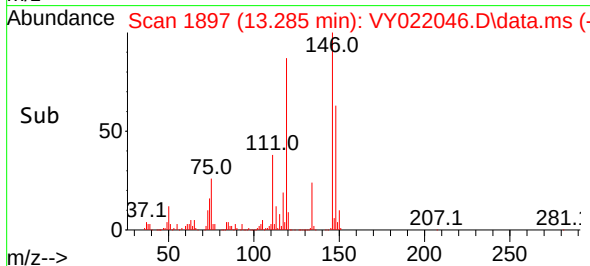
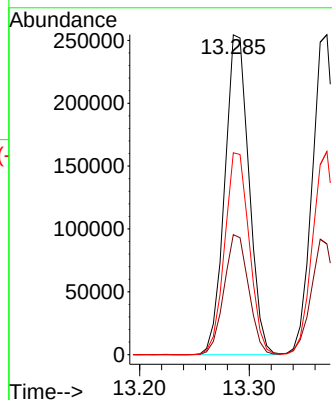
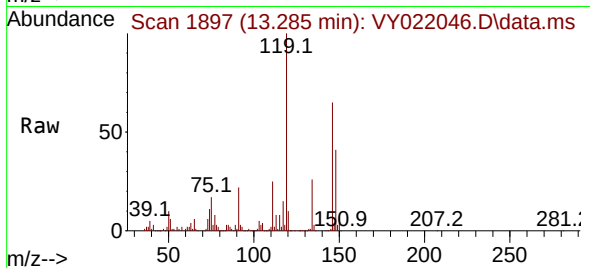
VSTDCCC050

Tgt Ion:	146	Resp:	39060
Ion Ratio	Lower	Upper	
146	100		
111	38.1	19.1	57.5
148	64.1	32.0	96.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/30/2025
Supervised By :Mahesh Dadoda 04/30/2025



#88

1,4-Dichlorobenzene

Concen: 46.327 ug/l

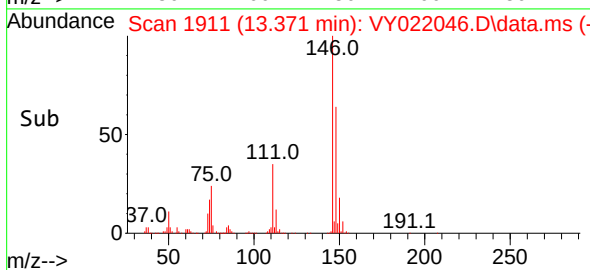
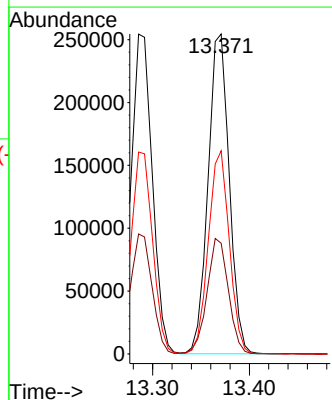
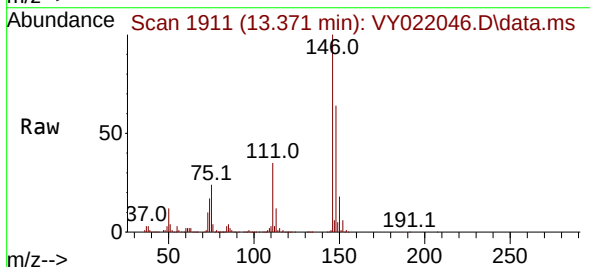
RT: 13.371 min Scan# 1911

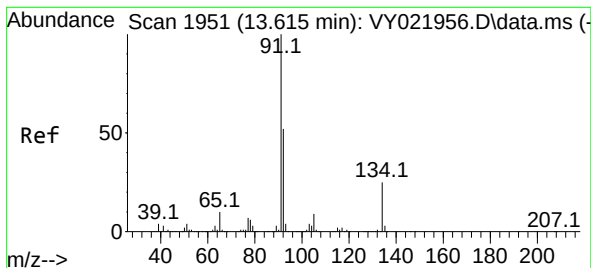
Delta R.T. 0.006 min

Lab File: VY022046.D

Acq: 29 Apr 2025 09:28

Tgt Ion:	146	Resp:	386869
Ion Ratio	Lower	Upper	
146	100		
111	36.3	19.2	57.6
148	63.1	32.0	96.0





#89

n-Butylbenzene

Concen: 46.748 ug/l

RT: 13.621 min Scan# 1951

Delta R.T. 0.006 min

Lab File: VY022046.D

Acq: 29 Apr 2025 09:28

Instrument :

MSVOA_Y

ClientSampleId :

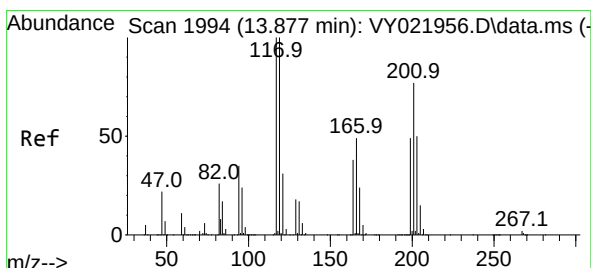
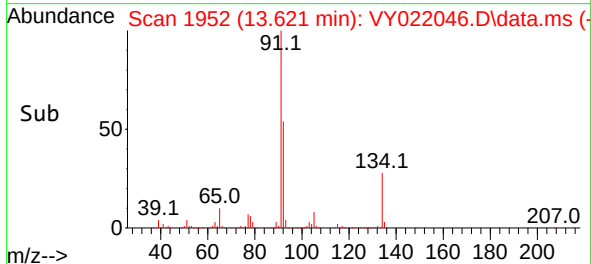
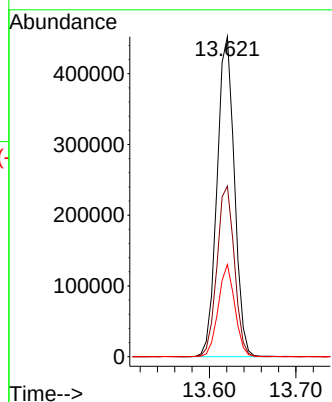
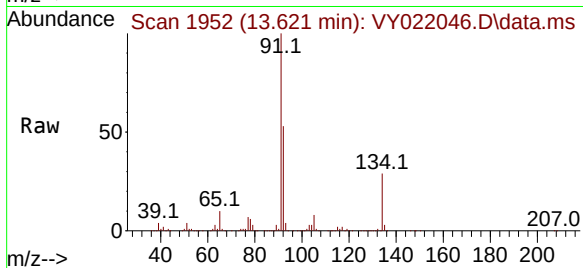
VSTDCCC050

Tgt Ion:	91	Resp:	630349
Ion Ratio	Lower	Upper	
91	100		
92	53.5	26.5	79.5
134	27.5	13.4	40.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/30/2025
Supervised By :Mahesh Dadoda 04/30/2025



#90

Hexachloroethane

Concen: 45.482 ug/l

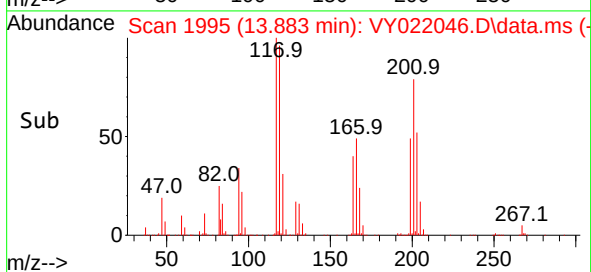
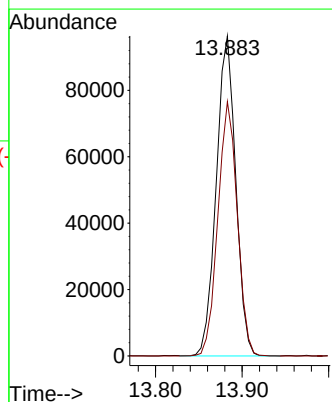
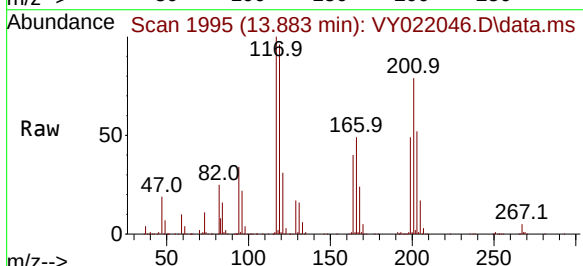
RT: 13.883 min Scan# 1995

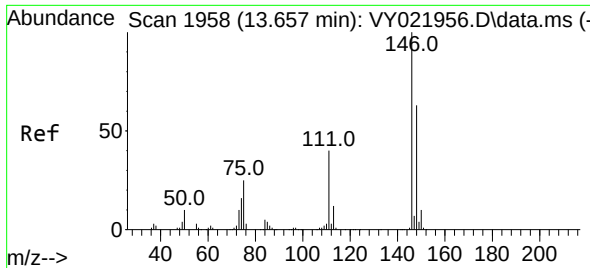
Delta R.T. 0.006 min

Lab File: VY022046.D

Acq: 29 Apr 2025 09:28

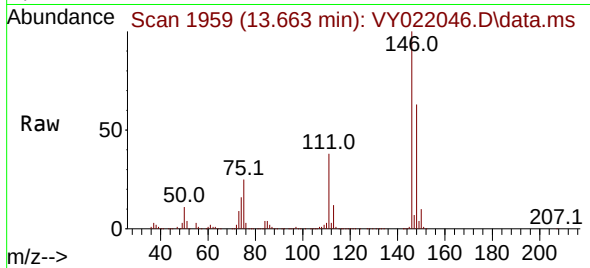
Tgt Ion:	117	Resp:	150746
Ion Ratio	Lower	Upper	
117	100		
201	79.0	38.7	116.1





#91
1,2-Dichlorobenzene
Concen: 46.013 ug/l
RT: 13.663 min Scan# 1959
Delta R.T. 0.006 min
Lab File: VY022046.D
Acq: 29 Apr 2025 09:28

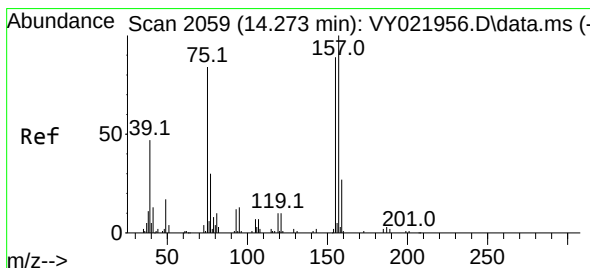
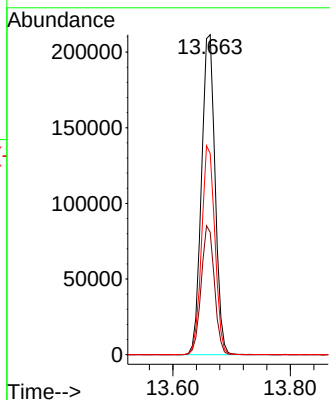
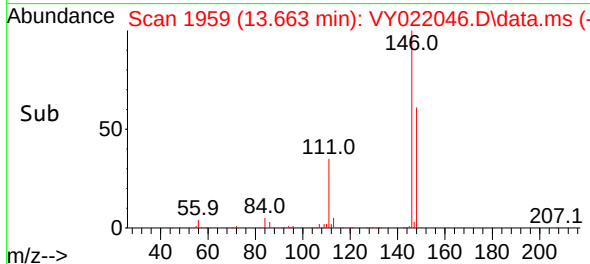
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



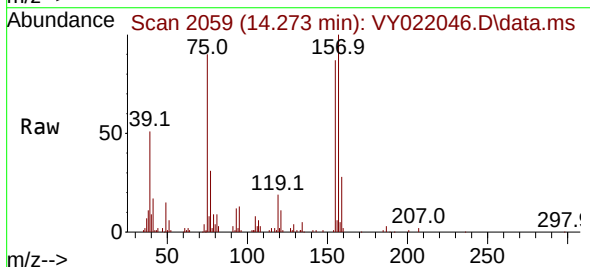
Tgt Ion:146 Resp: 33838
Ion Ratio Lower Upper
146 100
111 39.4 19.7 59.1
148 64.2 32.1 96.3

Manual Integrations
APPROVED

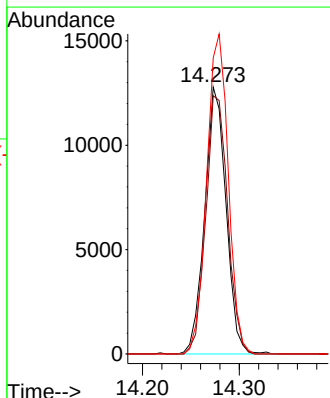
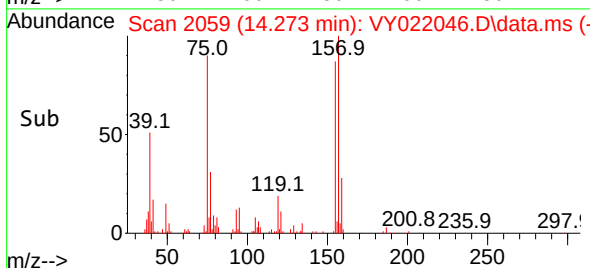
Reviewed By :Semsettin Yesilyurt 04/30/2025
Supervised By :Mahesh Dadoda 04/30/2025

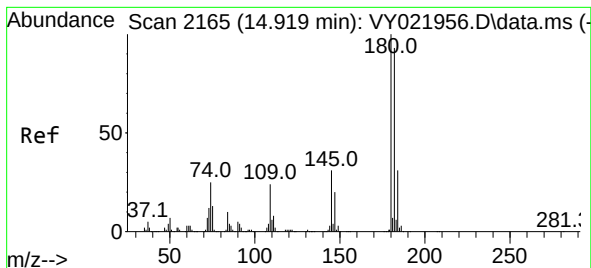


#92
1,2-Dibromo-3-Chloropropane
Concen: 44.539 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.000 min
Lab File: VY022046.D
Acq: 29 Apr 2025 09:28



Tgt Ion: 75 Resp: 19628
Ion Ratio Lower Upper
75 100
155 99.1 50.7 152.3
157 120.9 62.6 187.8





#93

1,2,4-Trichlorobenzene

Concen: 47.361 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY022046.D

Acq: 29 Apr 2025 09:28

Instrument :

MSVOA_Y

ClientSampleId :

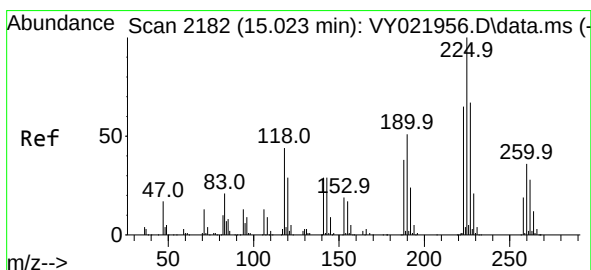
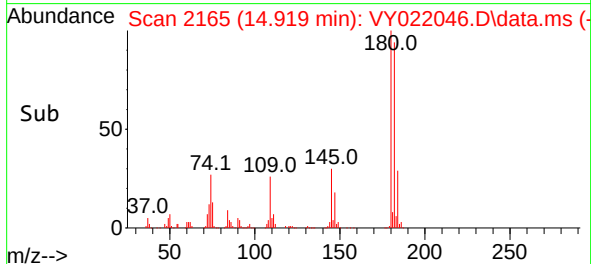
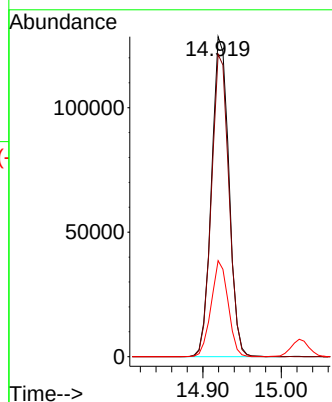
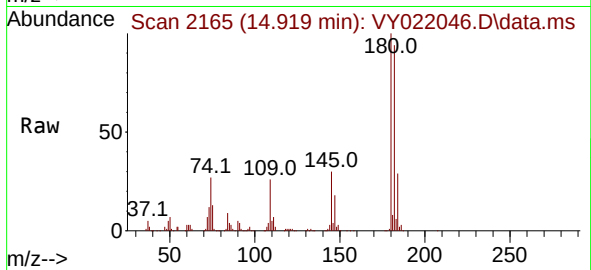
VSTDCCC050

Tgt Ion:180	Resp: 197372
Ion Ratio	Lower Upper
180 100	
182 94.8	47.1 141.4
145 29.4	15.0 45.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/30/2025
Supervised By :Mahesh Dadoda 04/30/2025



#94

Hexachlorobutadiene

Concen: 46.396 ug/l

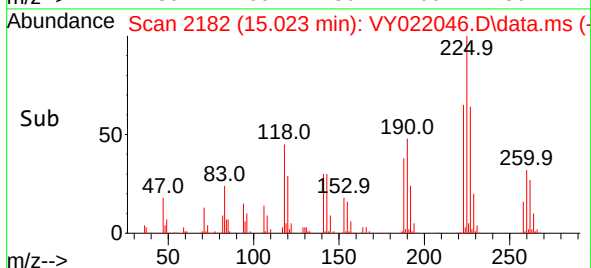
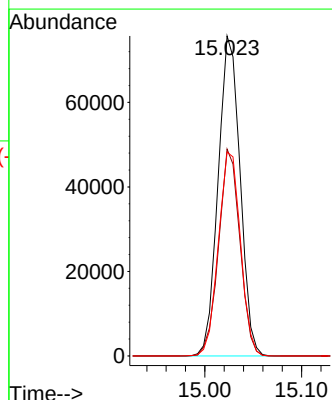
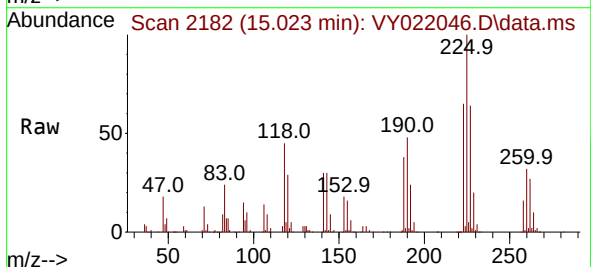
RT: 15.023 min Scan# 2182

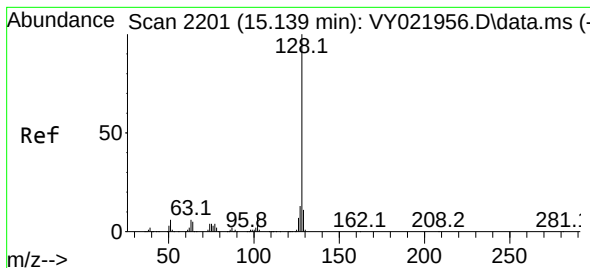
Delta R.T. -0.000 min

Lab File: VY022046.D

Acq: 29 Apr 2025 09:28

Tgt Ion:225	Resp: 118961
Ion Ratio	Lower Upper
225 100	
223 62.7	31.9 95.5
227 64.3	32.3 96.9





#95

Naphthalene

Concen: 48.746 ug/l

RT: 15.145 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY022046.D

Acq: 29 Apr 2025 09:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:128 Resp: 337462

Ion Ratio Lower Upper

128 100

127 13.0 10.6 16.0

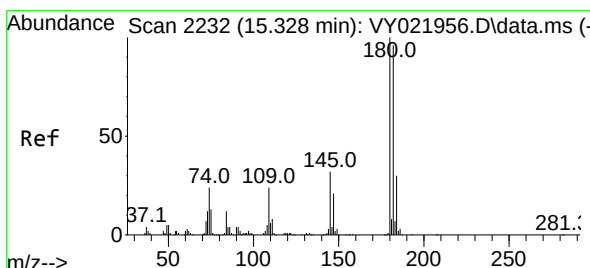
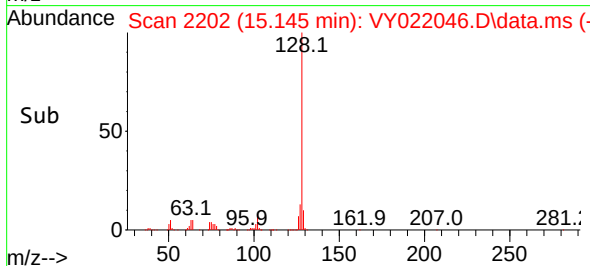
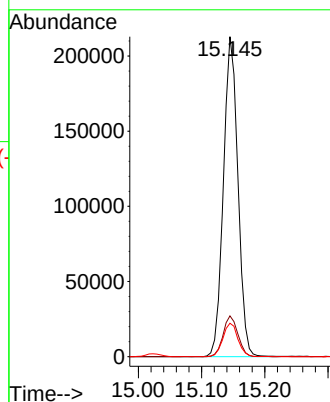
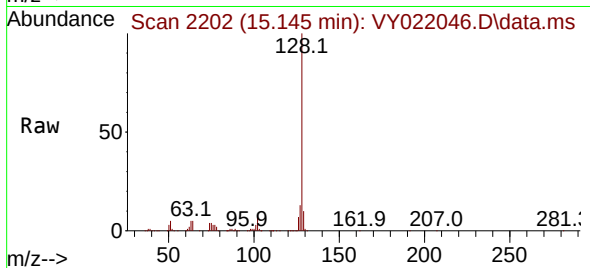
129 10.9 8.9 13.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/30/2025

Supervised By :Mahesh Dadoda 04/30/2025



#96

1,2,3-Trichlorobenzene

Concen: 47.880 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY022046.D

Acq: 29 Apr 2025 09:28

Tgt Ion:180 Resp: 172242

Ion Ratio Lower Upper

180 100

182 95.3 48.1 144.4

145 31.9 16.0 48.0

