

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050725\
 Data File : VY022182.D
 Acq On : 07 May 2025 09:05
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 05/08/2025
 Supervised By :Semsettin Yesilyurt 05/08/2025

Quant Time: May 08 01:40:37 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	210498	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	311397	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	299997	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	167851	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	105829	54.430	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 108.860%			
35) Dibromofluoromethane	7.634	113	112361	54.617	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.240%			
50) Toluene-d8	10.109	98	446486	57.568	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 115.140%			
62) 4-Bromofluorobenzene	12.408	95	154397	59.135	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 118.260%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	75863	42.295	ug/l	97
3) Chloromethane	2.068	50	138898	54.385	ug/l	98
4) Vinyl Chloride	2.202	62	169747	54.086	ug/l	97
5) Bromomethane	2.592	94	132084	48.849	ug/l	98
6) Chloroethane	2.733	64	116061	54.299	ug/l	99
7) Trichlorofluoromethane	3.056	101	203756	49.234	ug/l	98
8) Diethyl Ether	3.458	74	50256	46.656	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.812	101	110140	49.060	ug/l	98
10) Methyl Iodide	4.001	142	128497	49.436	ug/l	98
11) Tert butyl alcohol	4.872	59	23619	221.271	ug/l #	86
12) 1,1-Dichloroethene	3.787	96	100531	48.042	ug/l	94
13) Acrolein	3.653	56	16747	87.414	ug/l	94
14) Allyl chloride	4.385	41	124974	51.291	ug/l	97
15) Acrylonitrile	5.061	53	99137	251.399	ug/l	99
16) Acetone	3.873	43	76669	306.044	ug/l	99
17) Carbon Disulfide	4.104	76	314463	47.131	ug/l	99
18) Methyl Acetate	4.385	43	48798	53.728	ug/l	99
19) Methyl tert-butyl Ether	5.110	73	229869	49.079	ug/l	99
20) Methylene Chloride	4.610	84	120953	49.197	ug/l	98
21) trans-1,2-Dichloroethene	5.110	96	115975	49.487	ug/l	96
22) Diisopropyl ether	6.019	45	307090	56.634	ug/l	97
23) Vinyl Acetate	5.958	43	791777	270.945	ug/l	97
24) 1,1-Dichloroethane	5.915	63	198860	52.909	ug/l	98
25) 2-Butanone	6.902	43	115764	261.199	ug/l	95
26) 2,2-Dichloropropane	6.884	77	176586	53.605	ug/l	98
27) cis-1,2-Dichloroethene	6.890	96	134040	51.152	ug/l	96
28) Bromochloromethane	7.244	49	80625	55.227	ug/l	95
29) Tetrahydrofuran	7.262	42	76742	266.603	ug/l	99
30) Chloroform	7.421	83	223909	53.708	ug/l	99
31) Cyclohexane	7.701	56	162398	50.527	ug/l	94
32) 1,1,1-Trichloroethane	7.616	97	197110	52.259	ug/l	98
36) 1,1-Dichloropropene	7.835	75	154811	56.021	ug/l	97
37) Ethyl Acetate	6.988	43	55807	56.229	ug/l	99
38) Carbon Tetrachloride	7.817	117	182047	55.130	ug/l	100
39) Methylcyclohexane	9.109	83	187610	53.948	ug/l	97
40) Benzene	8.079	78	487982	56.490	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	26154m	48.206	ug/l	
42) 1,2-Dichloroethane	8.158	62	123641	57.810	ug/l	99
43) Isopropyl Acetate	8.201	43	104156	54.646	ug/l	96
44) Trichloroethene	8.866	130	124996	52.240	ug/l	93
45) 1,2-Dichloropropane	9.140	63	111198	58.208	ug/l	99
46) Dibromomethane	9.231	93	67722	56.630	ug/l	96
47) Bromodichloromethane	9.426	83	170911	57.210	ug/l	100
48) Methyl methacrylate	9.219	41	49358	56.018	ug/l	97
49) 1,4-Dioxane	9.237	88	13113	1028.803	ug/l	93
51) 4-Methyl-2-Pentanone	9.999	43	292188	292.437	ug/l	97
52) Toluene	10.170	92	325502	58.211	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	144889	56.543	ug/l	97
54) cis-1,3-Dichloropropene	9.859	75	174833	57.397	ug/l	99
55) 1,1,2-Trichloroethane	10.573	97	90389	56.586	ug/l	98
56) Ethyl methacrylate	10.438	69	103830	56.840	ug/l	96
57) 1,3-Dichloropropane	10.719	76	145667	56.883	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	255878	286.493	ug/l	99
59) 2-Hexanone	10.762	43	196899	298.774	ug/l	95
60) Dibromochloromethane	10.914	129	124126	56.126	ug/l	98
61) 1,2-Dibromoethane	11.018	107	84888	56.290	ug/l	98
64) Tetrachloroethene	10.646	164	149382	52.784	ug/l	97
65) Chlorobenzene	11.444	112	362212	53.991	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	128943	54.594	ug/l	100
67) Ethyl Benzene	11.518	91	609889	55.574	ug/l	99
68) m/p-Xylenes	11.633	106	490191	112.250	ug/l	99
69) o-Xylene	11.956	106	225123	55.932	ug/l	100
70) Styrene	11.969	104	395321	58.497	ug/l	99
71) Bromoform	12.133	173	73564	53.573	ug/l #	99
73) Isopropylbenzene	12.255	105	599120	53.425	ug/l	100
74) N-amyl acetate	12.072	43	97529	50.619	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	96830	51.214	ug/l	100
76) 1,2,3-Trichloropropane	12.560	75	63201m	43.959	ug/l	
77) Bromobenzene	12.536	156	146672	51.760	ug/l	97
78) n-propylbenzene	12.597	91	739542	55.376	ug/l	99
79) 2-Chlorotoluene	12.682	91	419774	54.048	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	511111	55.316	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	30388	50.899	ug/l	96
82) 4-Chlorotoluene	12.779	91	446140	55.259	ug/l	99
83) tert-Butylbenzene	12.999	119	441149	53.235	ug/l	98
84) 1,2,4-Trimethylbenzene	13.042	105	509199	55.096	ug/l	99
85) sec-Butylbenzene	13.176	105	661345	54.539	ug/l	100
86) p-Isopropyltoluene	13.292	119	566145	54.982	ug/l	99
87) 1,3-Dichlorobenzene	13.292	146	303472	52.729	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	296890	52.086	ug/l	99
89) n-Butylbenzene	13.621	91	504471	54.812	ug/l	100
90) Hexachloroethane	13.883	117	120755	53.376	ug/l	98
91) 1,2-Dichlorobenzene	13.657	146	266800	53.150	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	15292	50.837	ug/l	85
93) 1,2,4-Trichlorobenzene	14.919	180	145340	51.094	ug/l	100
94) Hexachlorobutadiene	15.023	225	89306	51.028	ug/l	98
95) Naphthalene	15.145	128	232067	49.112	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	124814	50.832	ug/l	100

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Response via : Initial Calibration

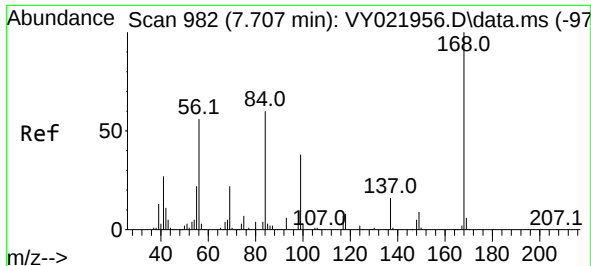
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

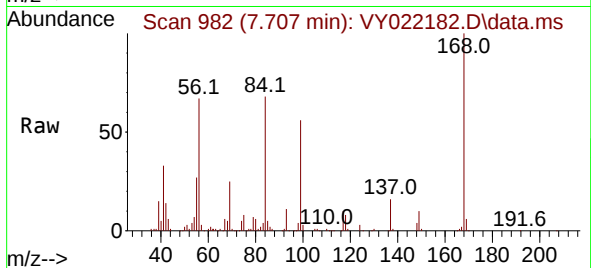
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022182.D
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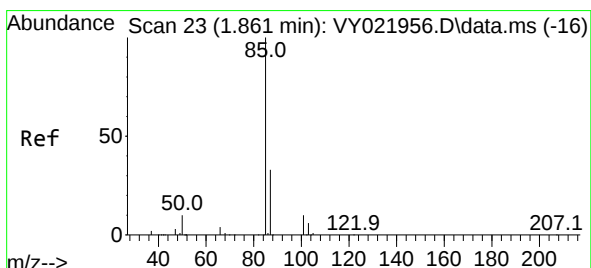
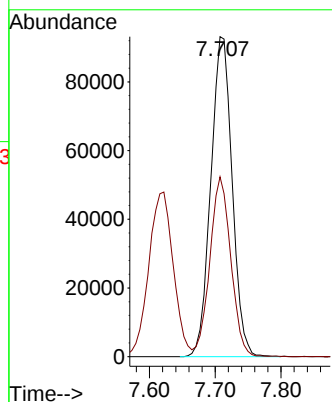
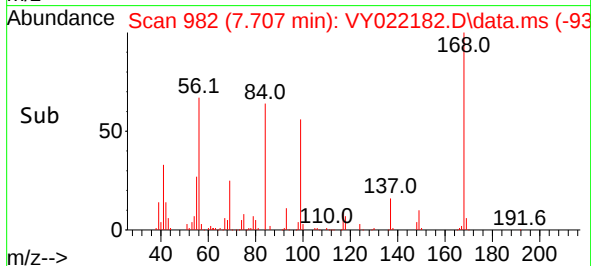
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Tgt Ion:168 Resp: 210498
Ion Ratio Lower Upper
168 100
99 56.1 43.1 64.7

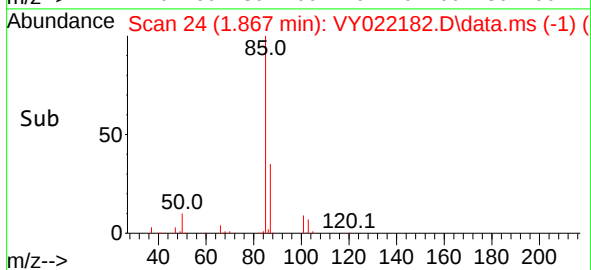
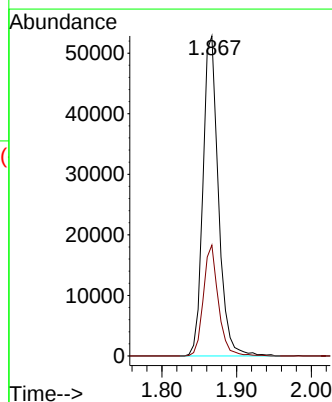
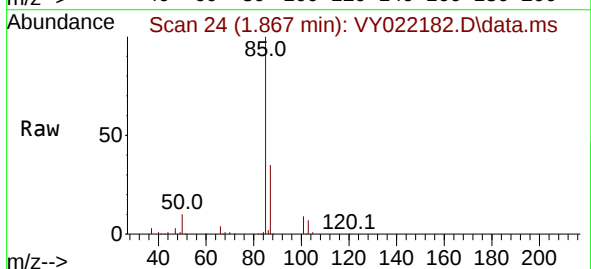
Manual Integrations
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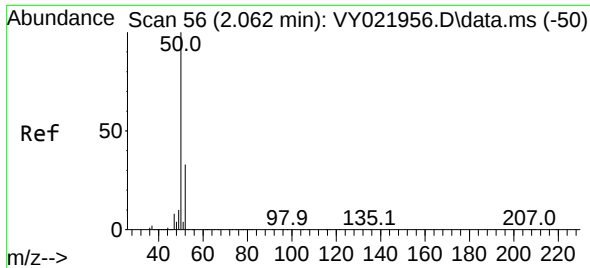
Reviewed By :Mahesh Dadoda 05/08/2025
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#2
Dichlorodifluoromethane
Concen: 42.295 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY022182.D
Acq: 07 May 2025 09:05

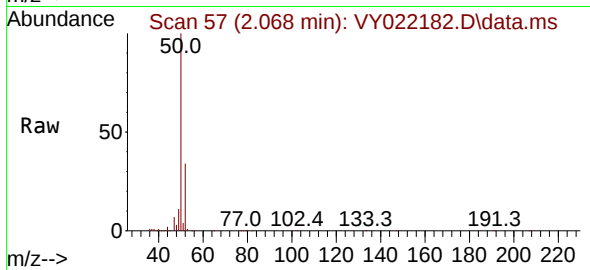
Tgt Ion: 85 Resp: 75863
Ion Ratio Lower Upper
85 100
87 34.7 16.6 49.7





#3
Chloromethane
Concen: 54.385 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY022182.D
Acq: 07 May 2025 09:05

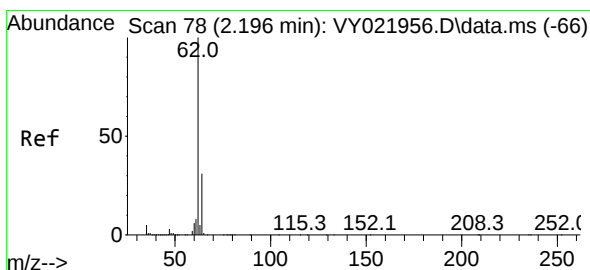
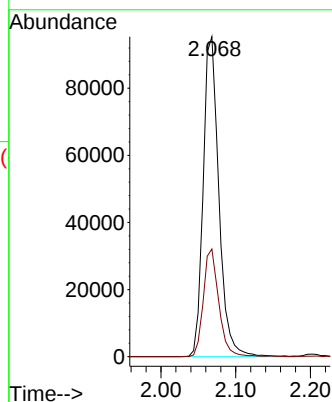
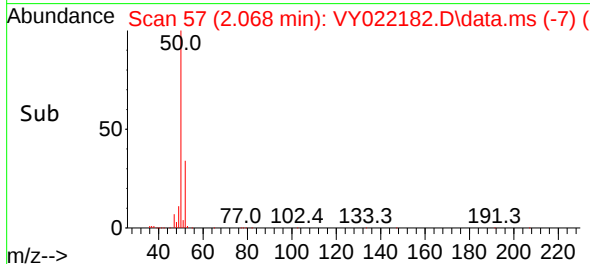
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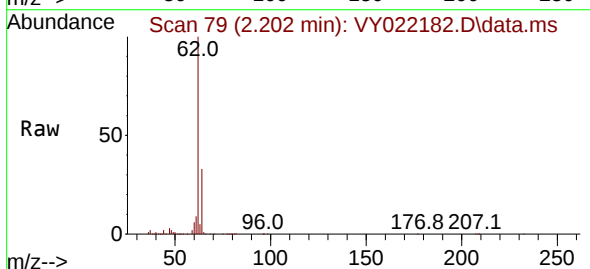
Tgt Ion: 50 Resp: 138898
Ion Ratio Lower Upper
50 100
52 33.6 26.1 39.1

Manual Integrations
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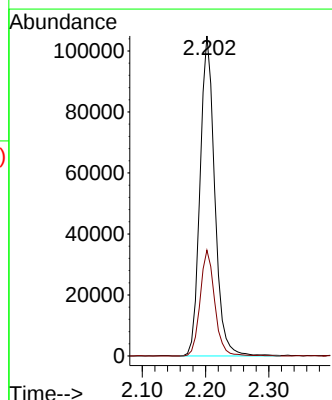
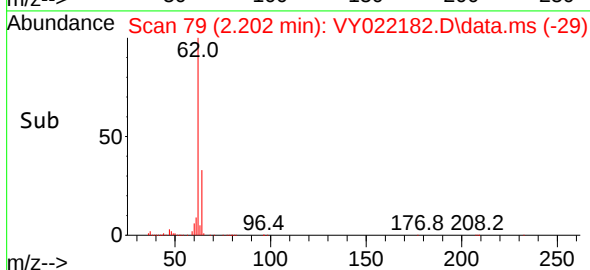
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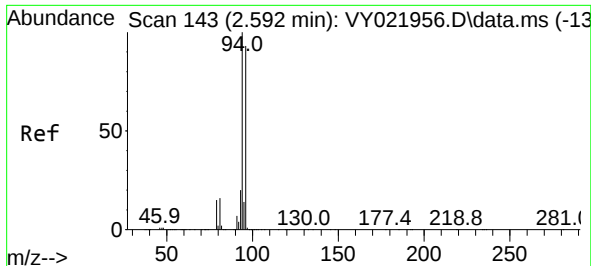


#4
Vinyl Chloride
Concen: 54.086 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.006 min
Lab File: VY022182.D
Acq: 07 May 2025 09:05



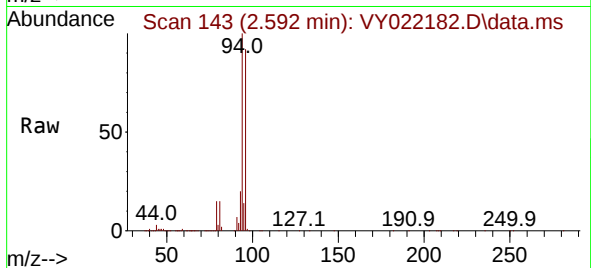
Tgt Ion: 62 Resp: 169747
Ion Ratio Lower Upper
62 100
64 33.0 25.1 37.7





#5
Bromomethane
Concen: 48.849 ug/l
RT: 2.592 min Scan# 143
Delta R.T. -0.000 min
Lab File: VY022182.D
Acq: 07 May 2025 09:05

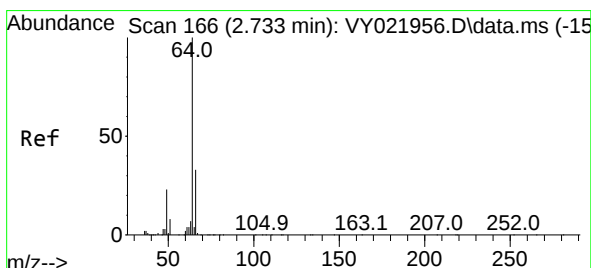
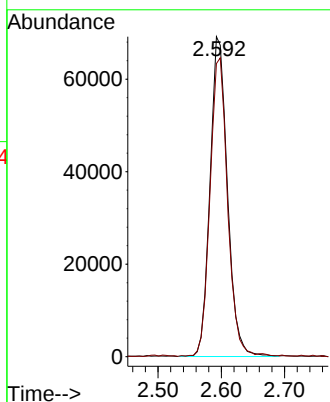
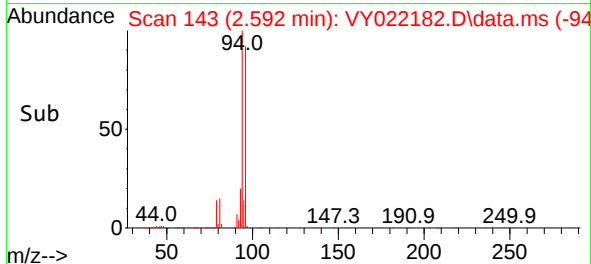
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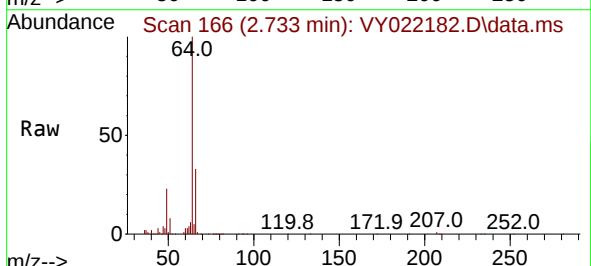
Tgt Ion: 94 Resp: 132084
Ion Ratio Lower Upper
94 100
96 91.6 74.6 111.8

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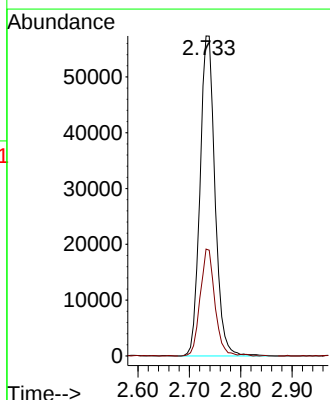
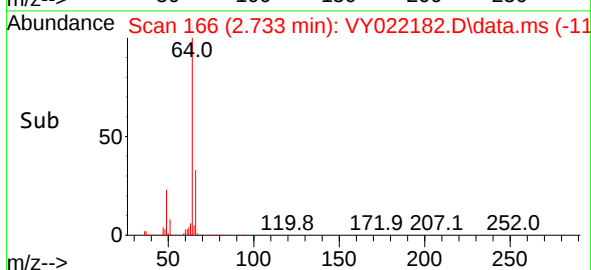
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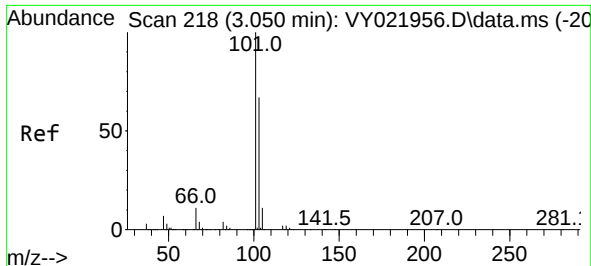


#6
Chloroethane
Concen: 54.299 ug/l
RT: 2.733 min Scan# 166
Delta R.T. -0.000 min
Lab File: VY022182.D
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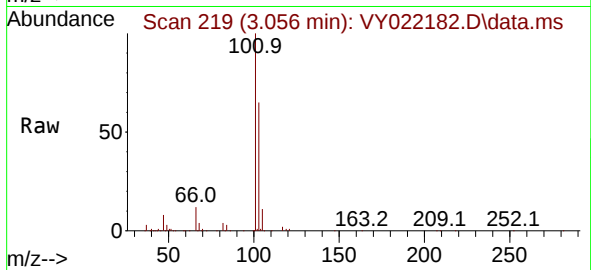
Tgt Ion: 64 Resp: 116061
Ion Ratio Lower Upper
64 100
66 33.4 26.2 39.4





#7
 Trichlorofluoromethane
 Concen: 49.234 ug/l
 RT: 3.056 min Scan# 218
 Delta R.T. 0.006 min
 Lab File: VY022182.D
 Acq: 07 May 2025 09:05

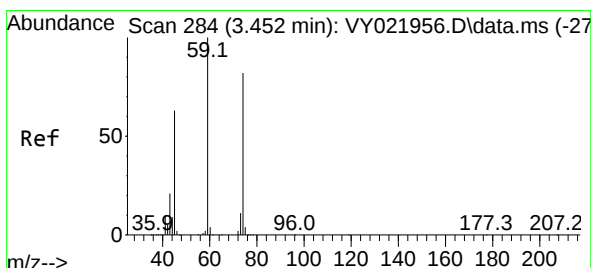
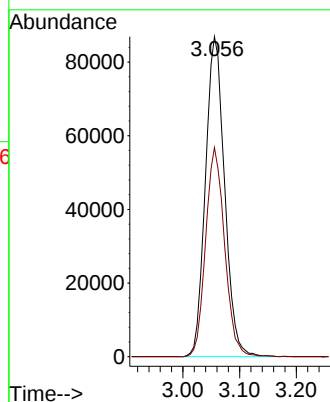
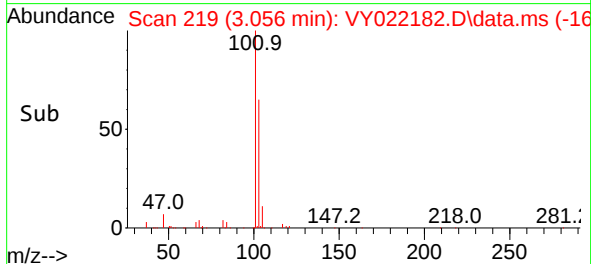
Instrument :
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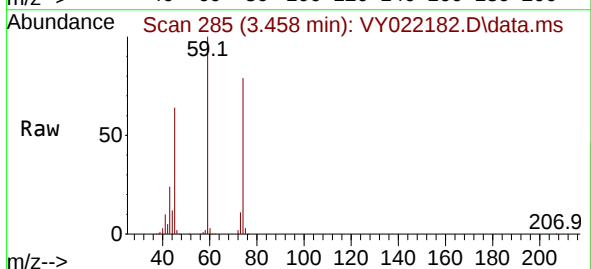
Tgt Ion:101 Resp: 203750
 Ion Ratio Lower Upper
 101 100
 103 65.4 53.6 80.4

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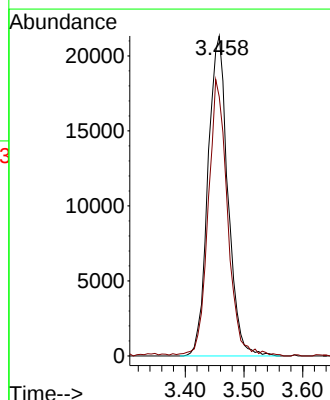
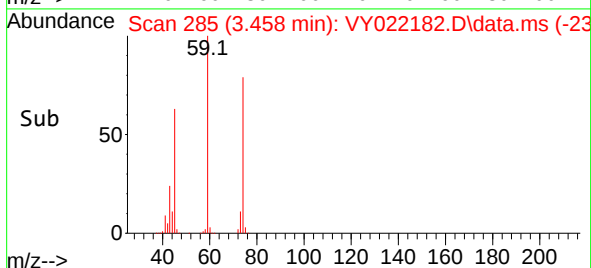
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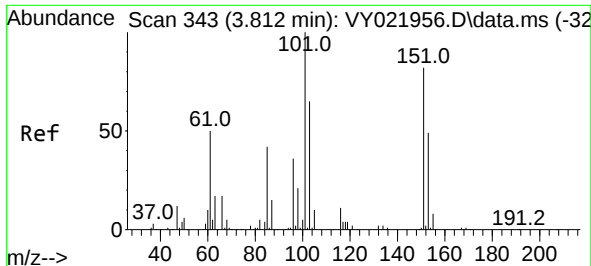


#8
 Diethyl Ether
 Concen: 46.656 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 50256
 Ion Ratio Lower Upper
 74 100
 45 83.9 39.1 117.5





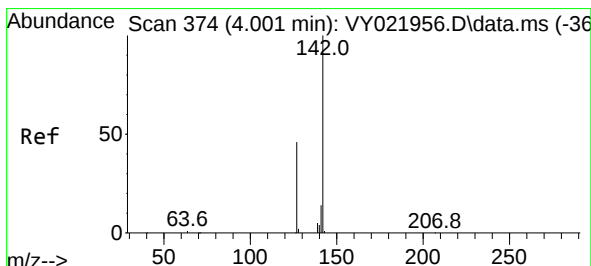
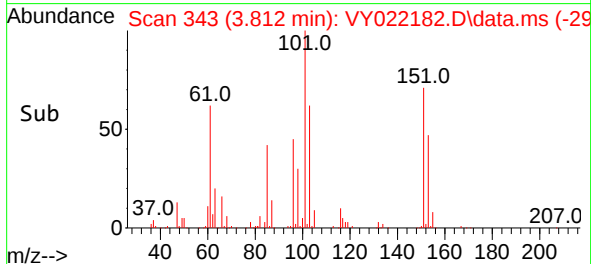
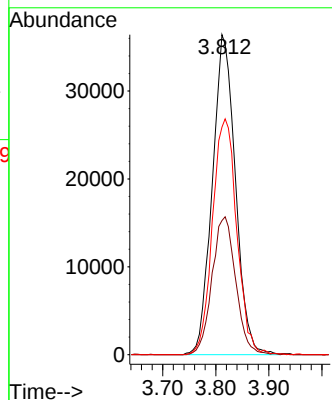
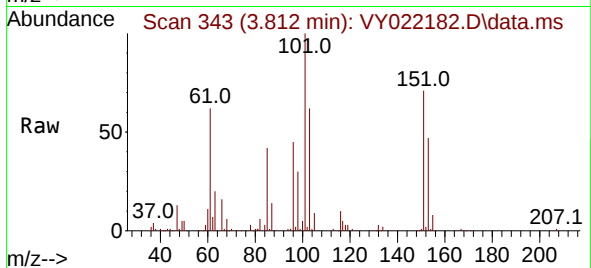
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.060 ug/l
RT: 3.812 min Scan# 343
Delta R.T. -0.000 min
Lab File: VY022182.D
Acq: 07 May 2025 09:05

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 110140
Ion Ratio Lower Upper
101 100
85 44.2 34.6 51.8
151 77.5 63.7 95.5

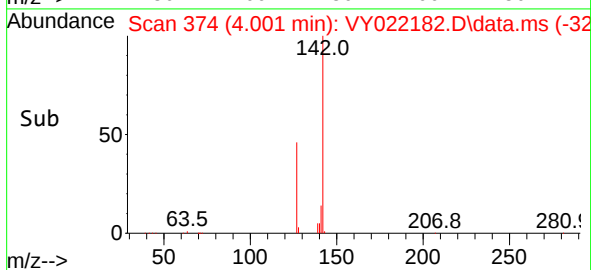
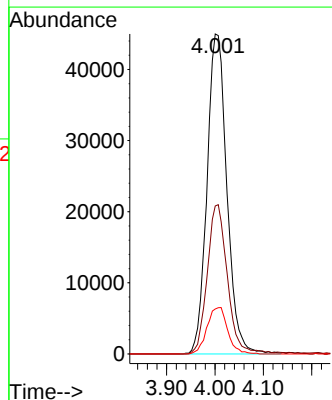
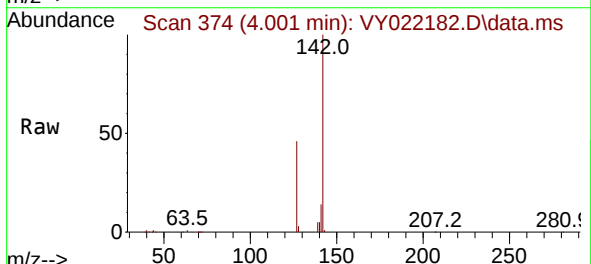
Manual Integrations
APPROVED

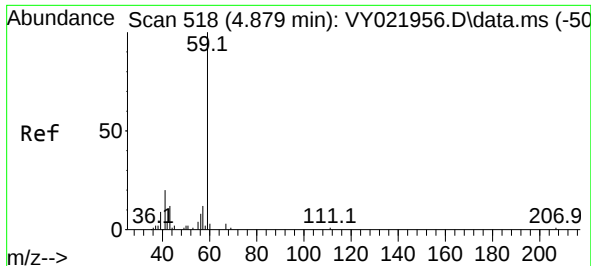
Reviewed By :Mahesh Dadoda 05/08/2025
Supervised By :Semsettin Yesilyurt 05/08/2025



#10
Methyl Iodide
Concen: 49.436 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.000 min
Lab File: VY022182.D
Acq: 07 May 2025 09:05

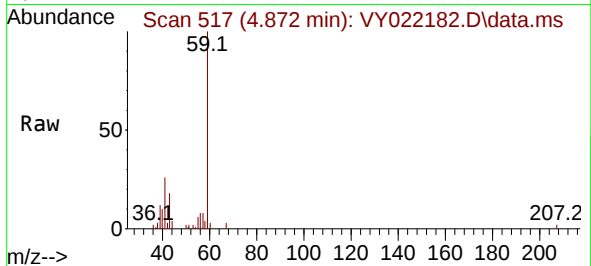
Tgt Ion:142 Resp: 128497
Ion Ratio Lower Upper
142 100
127 47.1 36.2 54.2
141 15.0 11.7 17.5





#11
Tert butyl alcohol
Concen: 221.271 ug/l
RT: 4.872 min Scan# 518
Delta R.T. -0.006 min
Lab File: VY022182.D
Acq: 07 May 2025 09:05

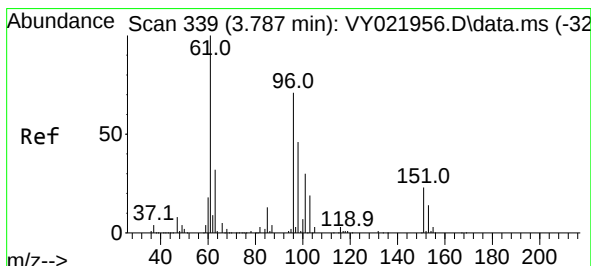
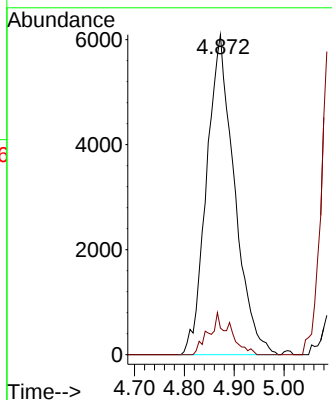
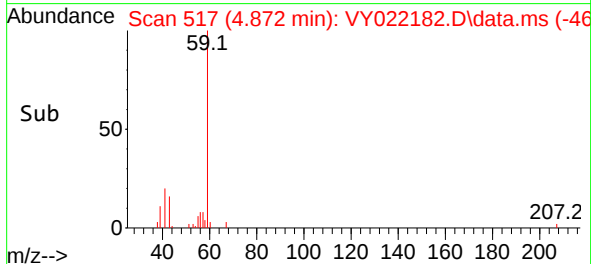
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



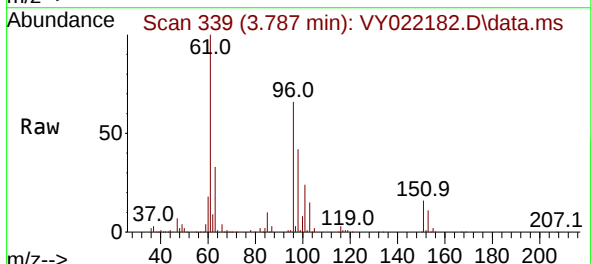
Tgt Ion: 59 Resp: 23619
Ion Ratio Lower Upper
59 100
57 6.2 9.3 13.9

Manual Integrations
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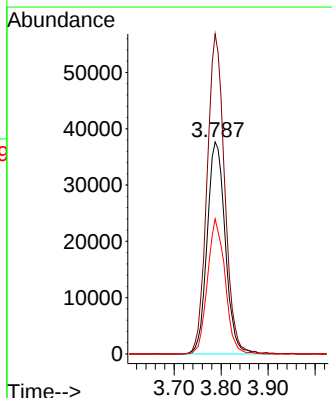
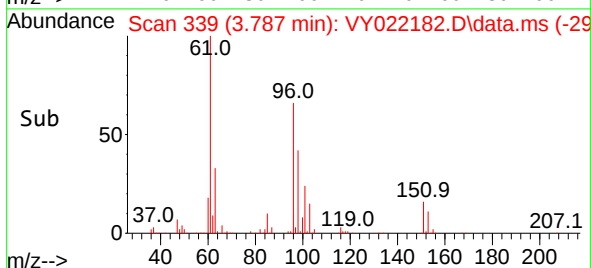
Reviewed By :Mahesh Dadoda 05/08/2025
Supervised By :Semsettin Yesilyurt 05/08/2025

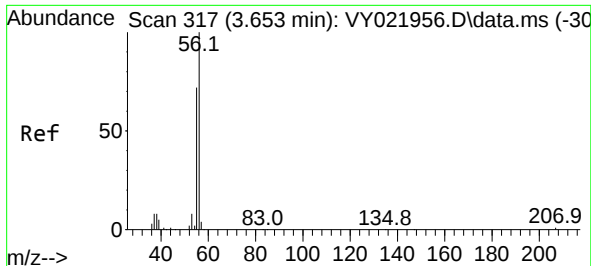


#12
1,1-Dichloroethene
Concen: 48.042 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.000 min
Lab File: VY022182.D
Acq: 07 May 2025 09:05



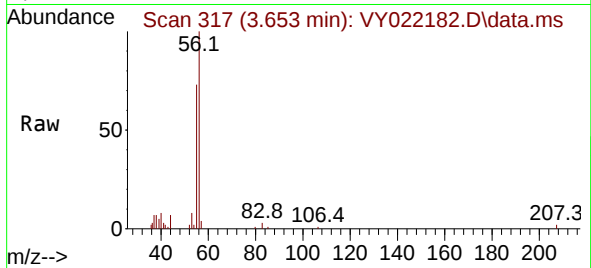
Tgt Ion: 96 Resp: 100531
Ion Ratio Lower Upper
96 100
61 150.9 113.0 169.4
98 63.7 51.4 77.2





#13
Acrolein
Concen: 87.414 ug/l
RT: 3.653 min Scan# 317
Delta R.T. -0.000 min
Lab File: VY022182.D
Acq: 07 May 2025 09:05

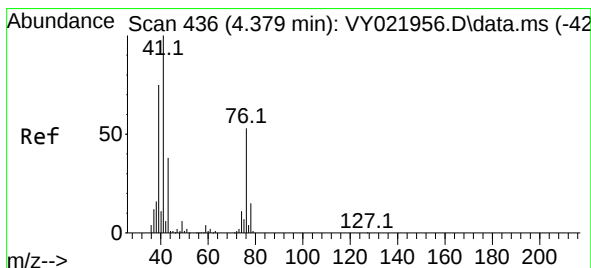
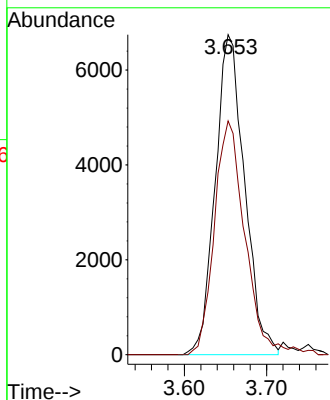
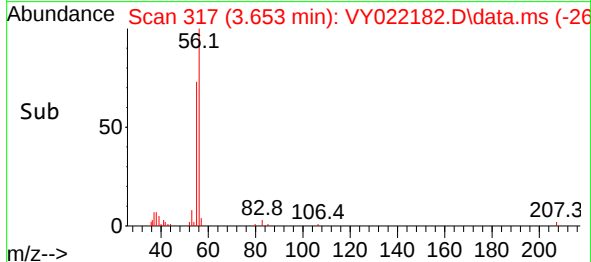
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



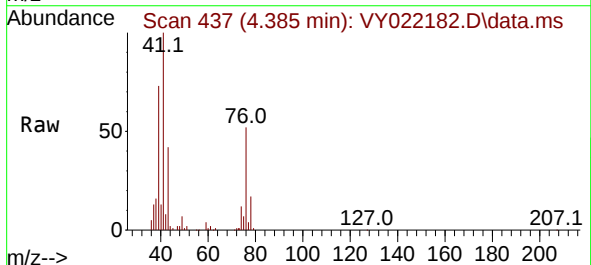
Tgt Ion: 56 Resp: 1674
Ion Ratio Lower Upper
56 100
55 76.5 57.4 86.0

Manual Integrations
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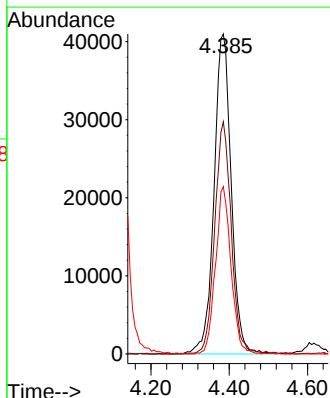
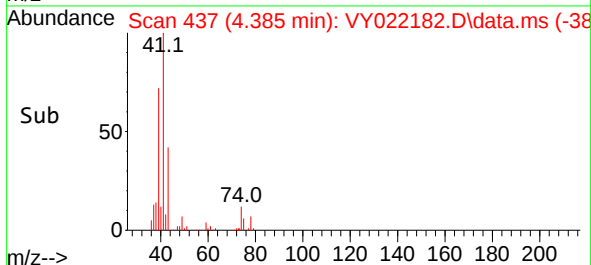
Reviewed By :Mahesh Dadoda 05/08/2025
Supervised By :Semsettin Yesilyurt 05/08/2025



#14
Allyl chloride
Concen: 51.291 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY022182.D
Acq: 07 May 2025 09:05



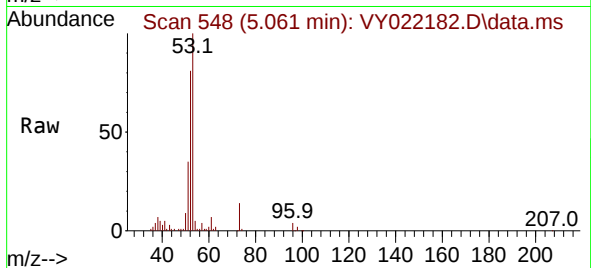
Tgt Ion: 41 Resp: 124974
Ion Ratio Lower Upper
41 100
39 69.6 57.2 85.8
76 47.1 39.7 59.5





#15
Acrylonitrile
Concen: 251.399 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY022182.D
Acq: 07 May 2025 09:05

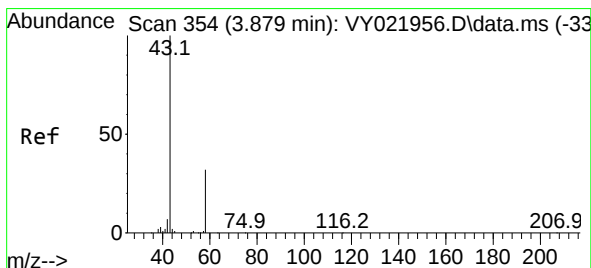
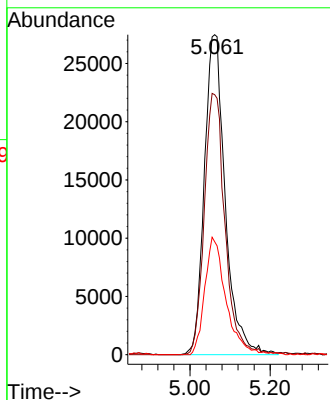
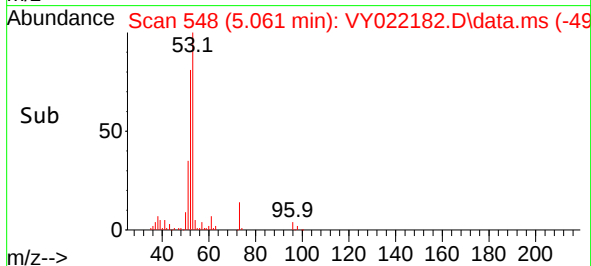
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 9913
Ion Ratio Lower Upper
53 100
52 81.3 65.0 97.6
51 37.3 28.9 43.3

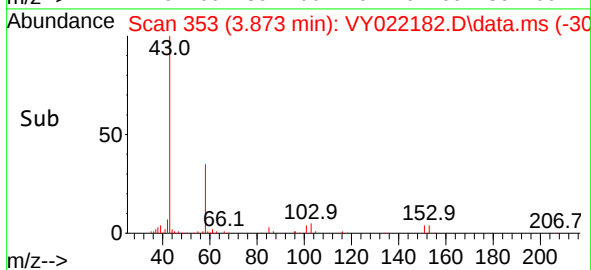
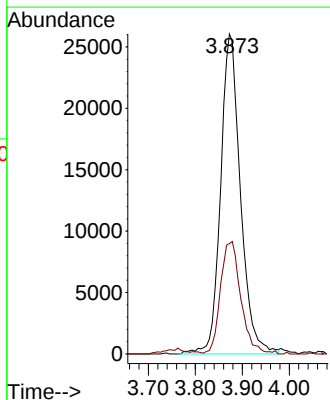
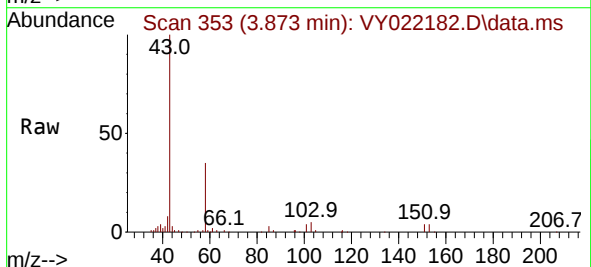
Manual Integrations
APPROVED

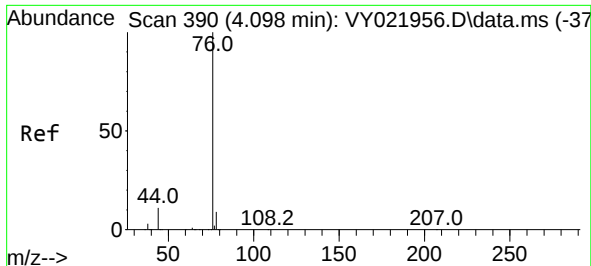
Reviewed By :Mahesh Dadoda 05/08/2025
Supervised By :Semsettin Yesilyurt 05/08/2025



#16
Acetone
Concen: 306.044 ug/l
RT: 3.873 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY022182.D
Acq: 07 May 2025 09:05

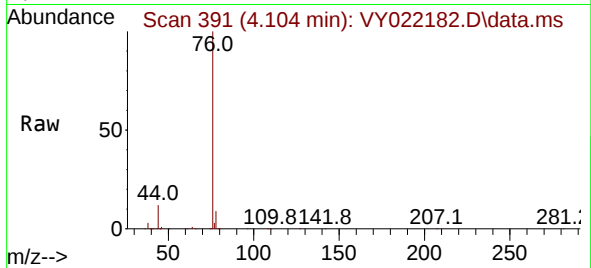
Tgt Ion: 43 Resp: 76669
Ion Ratio Lower Upper
43 100
58 34.5 27.0 40.4





#17
Carbon Disulfide
Concen: 47.131 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY022182.D
Acq: 07 May 2025 09:05

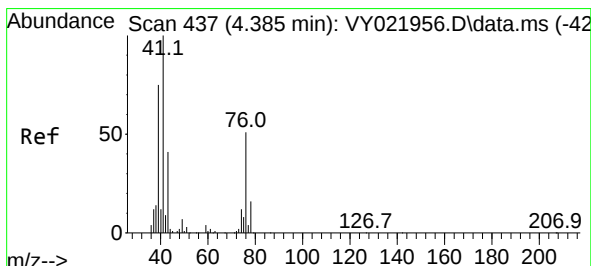
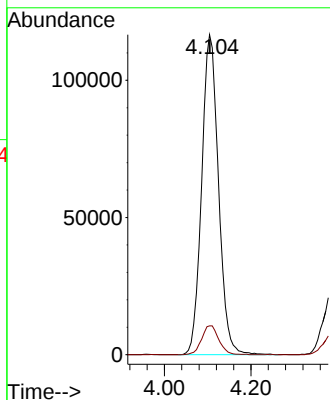
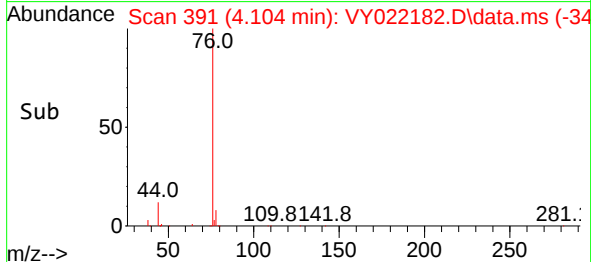
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 31446
Ion Ratio Lower Upper
76 100
78 9.0 7.6 11.4

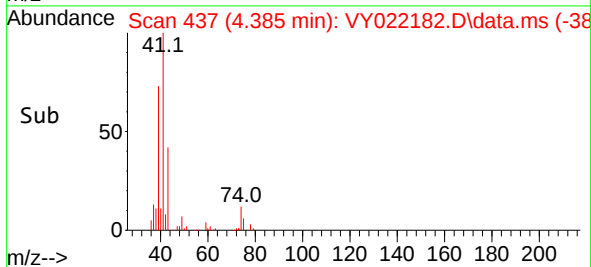
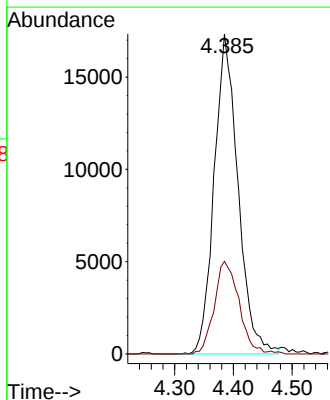
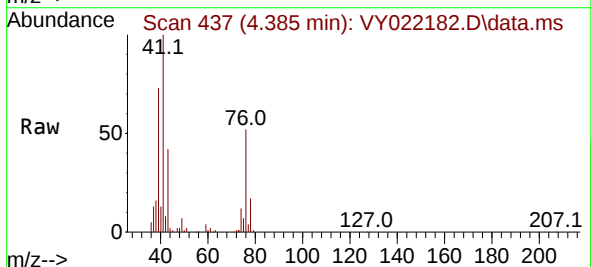
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 05/08/2025
Supervised By :Semsettin Yesilyurt 05/08/2025



#18
Methyl Acetate
Concen: 53.728 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY022182.D
Acq: 07 May 2025 09:05

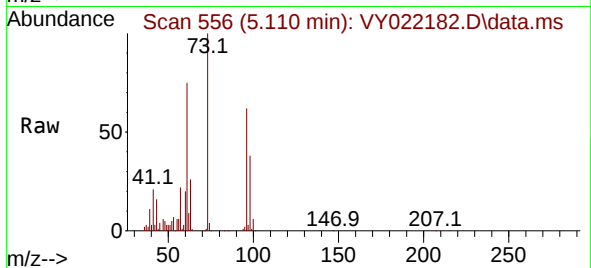
Tgt Ion: 43 Resp: 48798
Ion Ratio Lower Upper
43 100
74 29.8 24.2 36.4





#19
Methyl tert-butyl Ether
Concen: 49.079 ug/l
RT: 5.110 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY022182.D
Acq: 07 May 2025 09:05

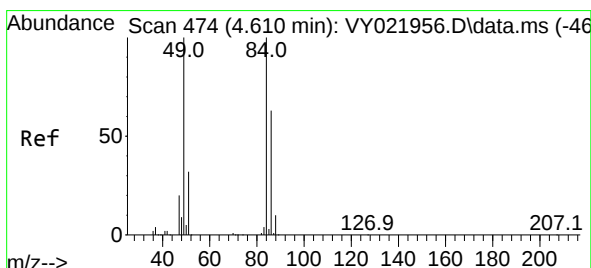
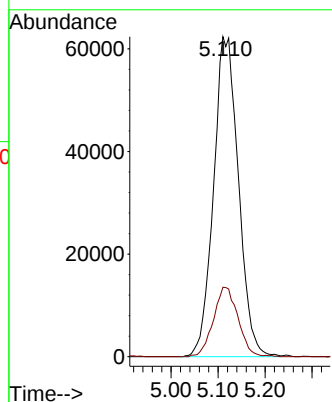
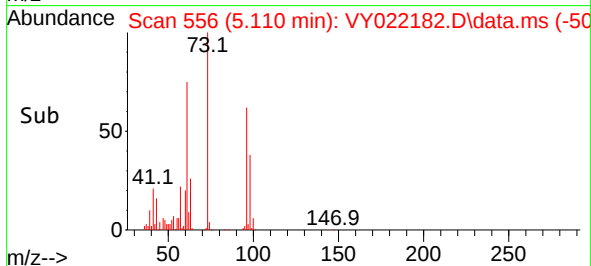
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



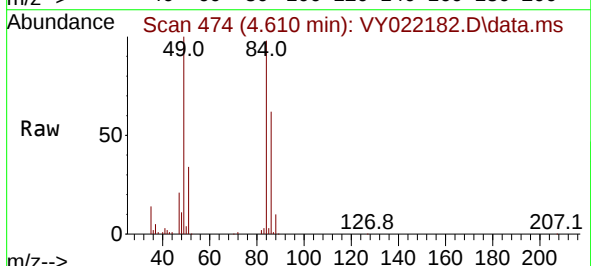
Tgt Ion: 73 Resp: 229869
Ion Ratio Lower Upper
73 100
57 21.7 16.9 25.3

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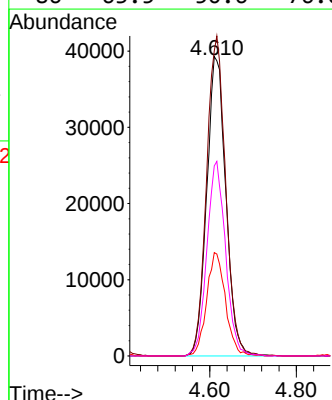
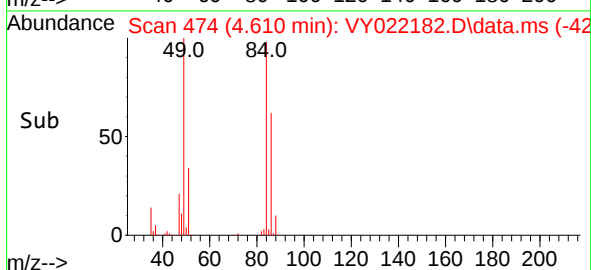
Reviewed By :Mahesh Dadoda 05/08/2025
Supervised By :Semsettin Yesilyurt 05/08/2025



#20
Methylene Chloride
Concen: 49.197 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.000 min
Lab File: VY022182.D
Acq: 07 May 2025 09:05



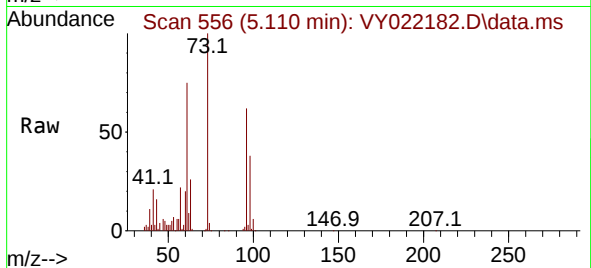
Tgt Ion: 84 Resp: 120953
Ion Ratio Lower Upper
84 100
49 102.0 79.9 119.9
51 34.6 25.4 38.0
86 63.5 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 49.487 ug/l
RT: 5.110 min Scan# 5110
Delta R.T. 0.006 min
Lab File: VY022182.D
Acq: 07 May 2025 09:05

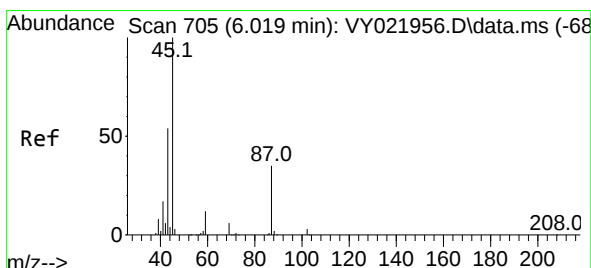
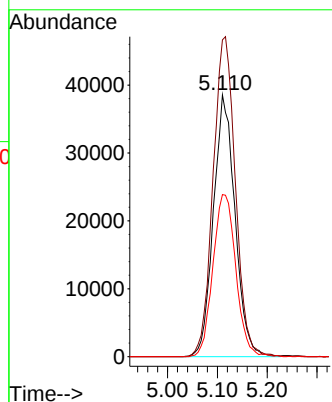
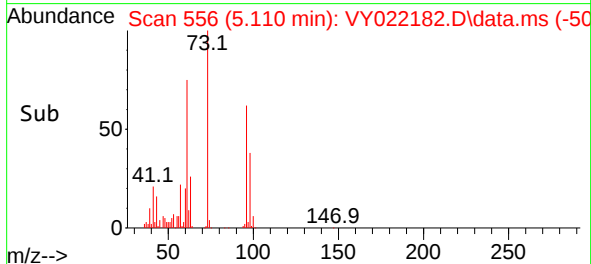
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 115979
Ion Ratio Lower Upper
96 100
61 121.0 92.6 138.8
98 61.9 50.2 75.4

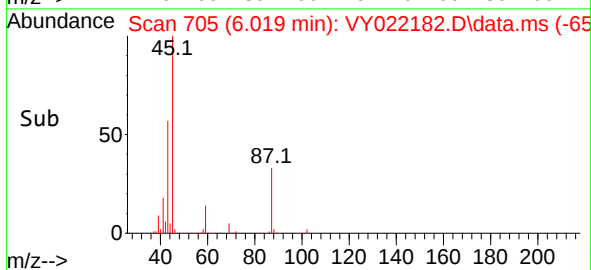
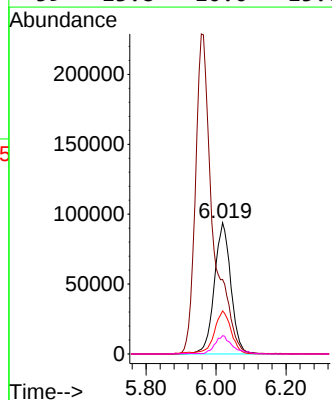
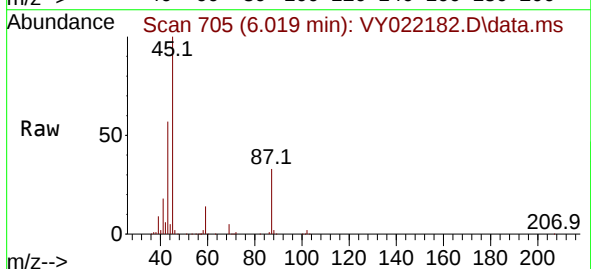
Manual Integrations
APPROVED

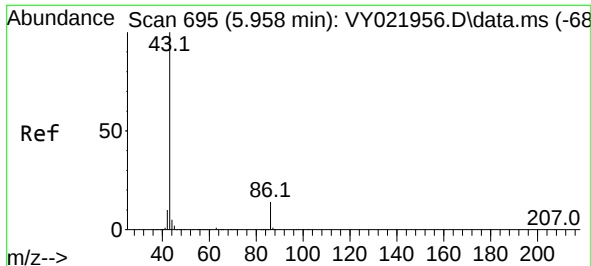
Reviewed By :Mahesh Dadoda 05/08/2025
Supervised By :Semsettin Yesilyurt 05/08/2025



#22
Diisopropyl ether
Concen: 56.634 ug/l
RT: 6.019 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY022182.D
Acq: 07 May 2025 09:05

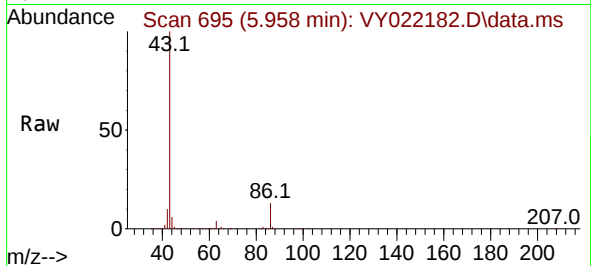
Tgt Ion: 45 Resp: 307090
Ion Ratio Lower Upper
45 100
43 56.3 43.6 65.4
87 32.8 28.2 42.4
59 13.8 10.0 15.0





#23
 Vinyl Acetate
 Concen: 270.945 ug/l
 RT: 5.958 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY022182.D
 Acq: 07 May 2025 09:05

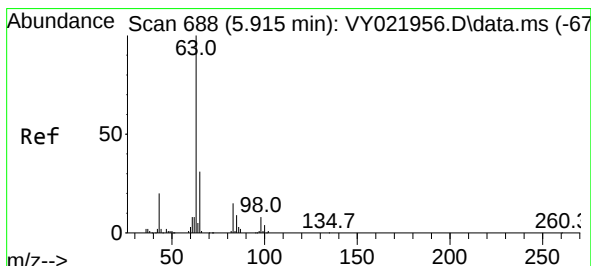
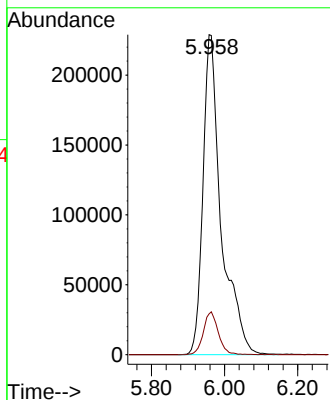
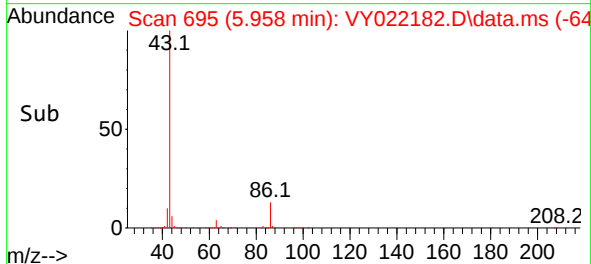
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



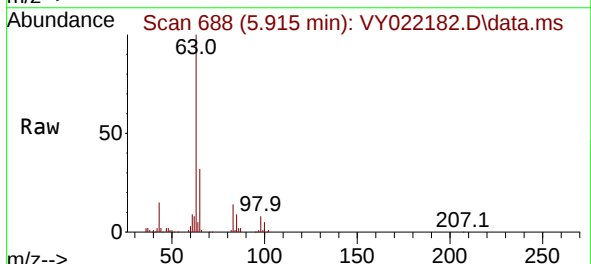
Tgt Ion: 43 Resp: 79177
 Ion Ratio Lower Upper
 43 100
 86 12.8 11.1 16.7

Manual Integrations
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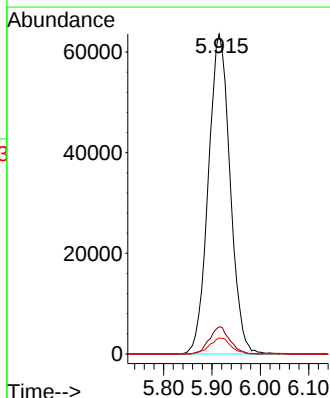
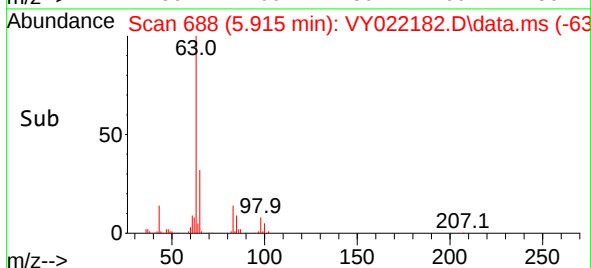
Reviewed By :Mahesh Dadoda 05/08/2025
 Supervised By :Semsettin Yesilyurt 05/08/2025

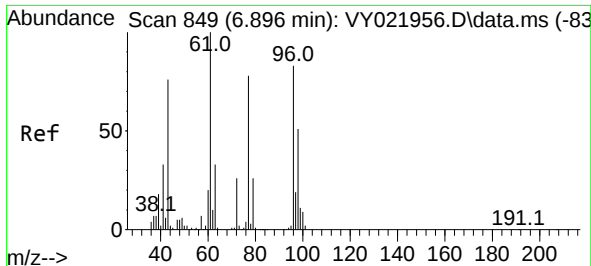


#24
 1,1-Dichloroethane
 Concen: 52.909 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY022182.D
 Acq: 07 May 2025 09:05



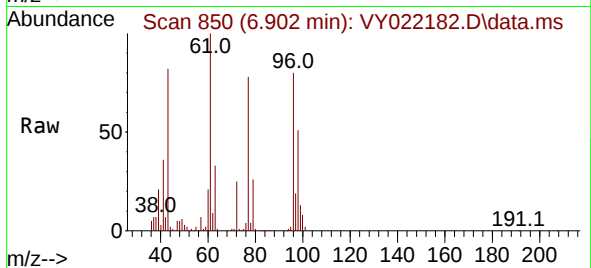
Tgt Ion: 63 Resp: 198860
 Ion Ratio Lower Upper
 63 100
 98 8.5 4.0 11.9
 100 5.0 2.0 6.0





#25
2-Butanone
Concen: 261.199 ug/l
RT: 6.902 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY022182.D
Acq: 07 May 2025 09:05

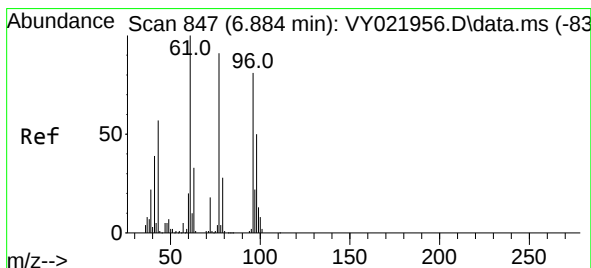
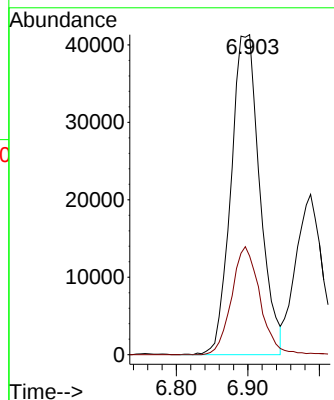
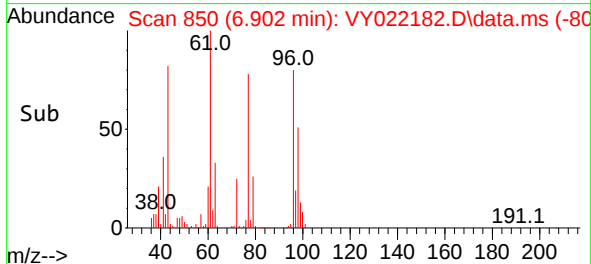
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 115764
Ion Ratio Lower Upper
43 100
72 30.8 27.0 40.4

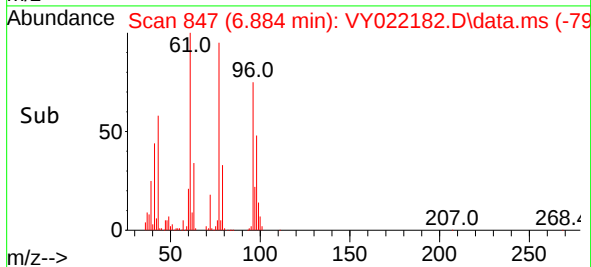
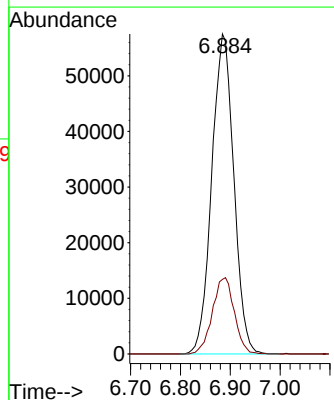
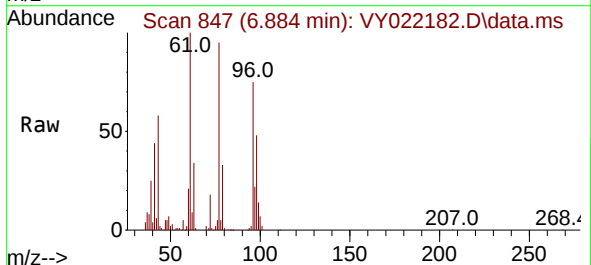
Manual Integrations
APPROVED

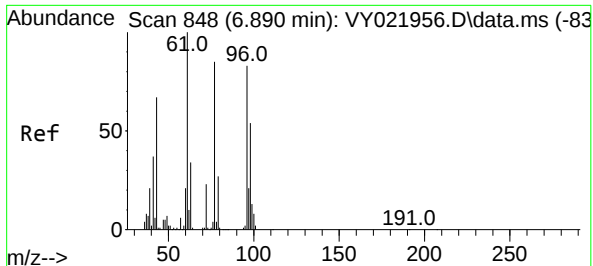
Reviewed By :Mahesh Dadoda 05/08/2025
Supervised By :Semsettin Yesilyurt 05/08/2025



#26
2,2-Dichloropropane
Concen: 53.605 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY022182.D
Acq: 07 May 2025 09:05

Tgt Ion: 77 Resp: 176586
Ion Ratio Lower Upper
77 100
97 23.7 12.4 37.4





#27

cis-1,2-Dichloroethene

Concen: 51.152 ug/l

RT: 6.890 min Scan# 848

Delta R.T. -0.000 min

Lab File: VY022182.D

Acq: 07 May 2025 09:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 134040

Ion Ratio Lower Upper

96 100

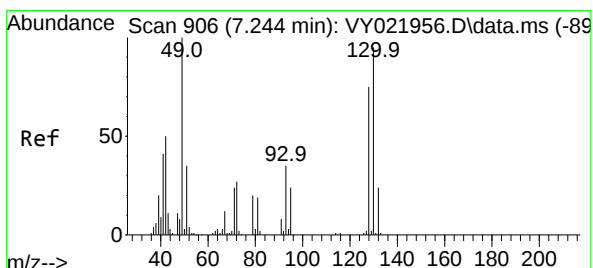
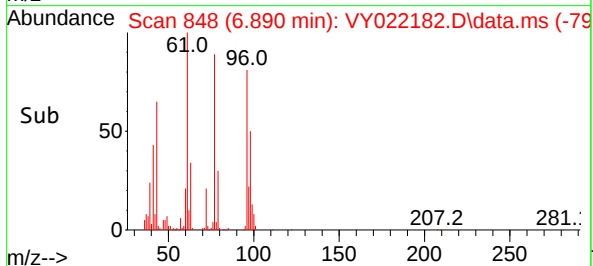
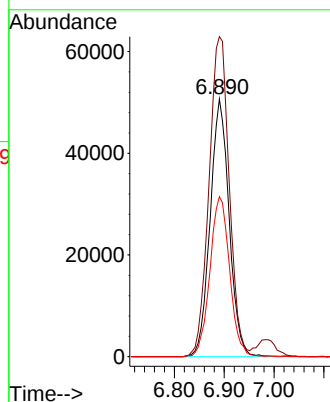
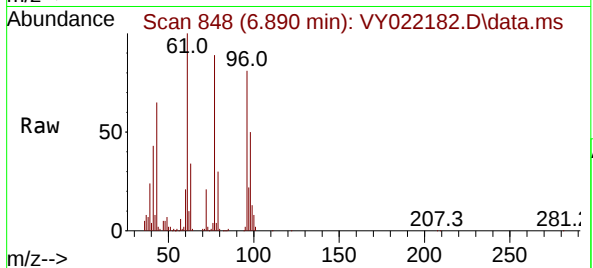
61 132.2 0.0 251.4

98 64.4 0.0 128.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/08/2025
Supervised By :Semsettin Yesilyurt 05/08/2025



#28

Bromochloromethane

Concen: 55.227 ug/l

RT: 7.244 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY022182.D

Acq: 07 May 2025 09:05

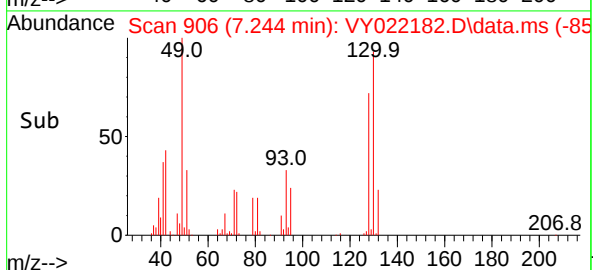
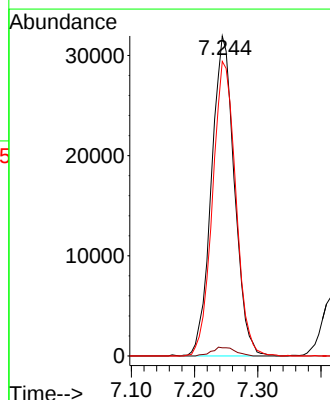
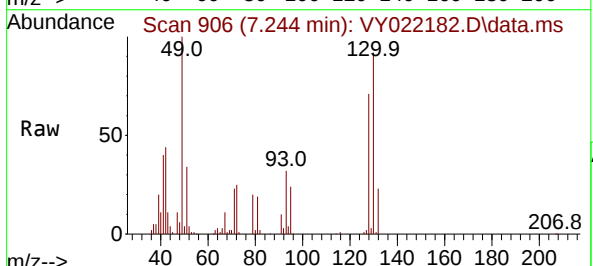
Tgt Ion: 49 Resp: 80625

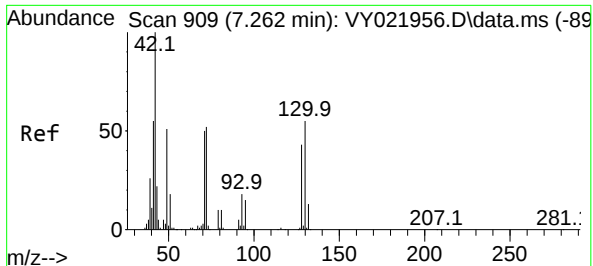
Ion Ratio Lower Upper

49 100

129 2.8 0.0 5.0

130 93.0 78.2 117.4





#29

Tetrahydrofuran

Concen: 266.603 ug/l

RT: 7.262 min Scan# 909

Delta R.T. -0.000 min

Lab File: VY022182.D

Acq: 07 May 2025 09:05

Instrument :

MSVOA_Y

ClientSampleId :

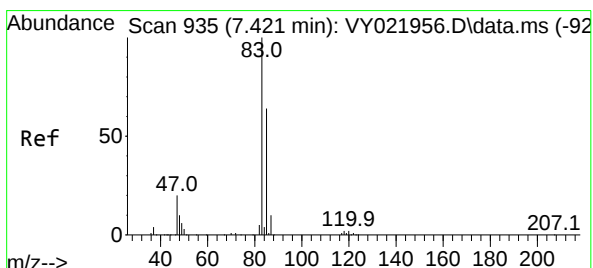
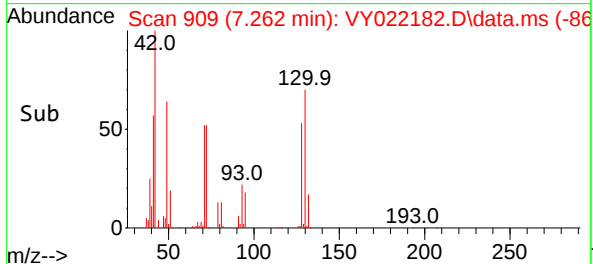
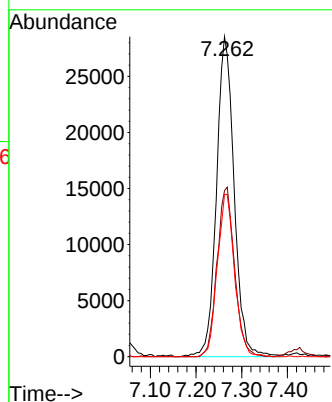
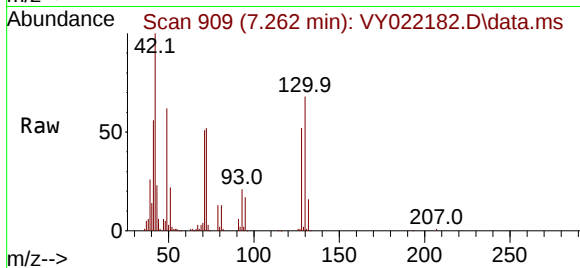
VSTDCCC050

Tgt Ion:	42	Resp:	7674
Ion	Ratio	Lower	Upper
42	100		
72	52.4	42.6	63.8
71	49.5	40.6	61.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/08/2025
Supervised By :Semsettin Yesilyurt 05/08/2025



#30

Chloroform

Concen: 53.708 ug/l

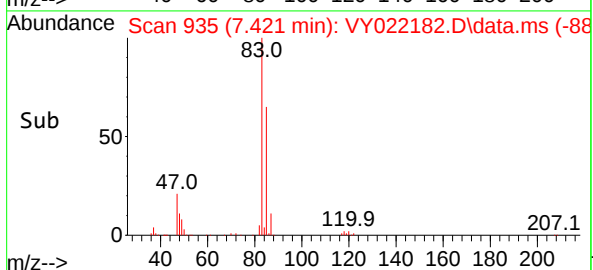
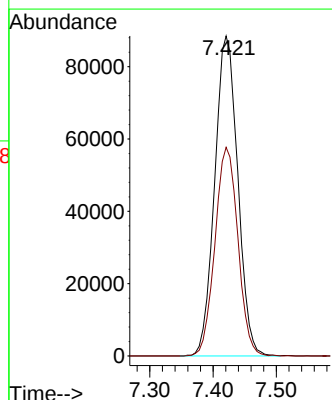
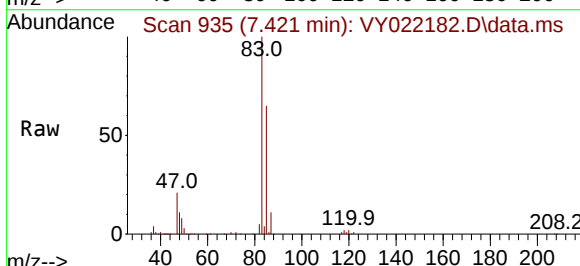
RT: 7.421 min Scan# 935

Delta R.T. -0.000 min

Lab File: VY022182.D

Acq: 07 May 2025 09:05

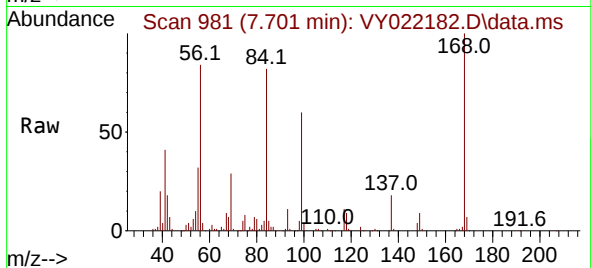
Tgt Ion:	83	Resp:	223909
Ion	Ratio	Lower	Upper
83	100		
85	65.2	51.3	76.9





#31
Cyclohexane
Concen: 50.527 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY022182.D
Acq: 07 May 2025 09:05

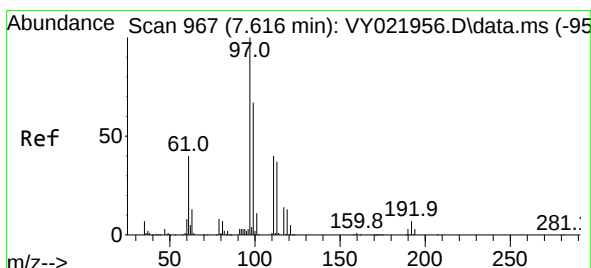
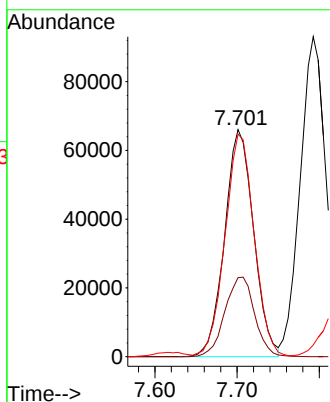
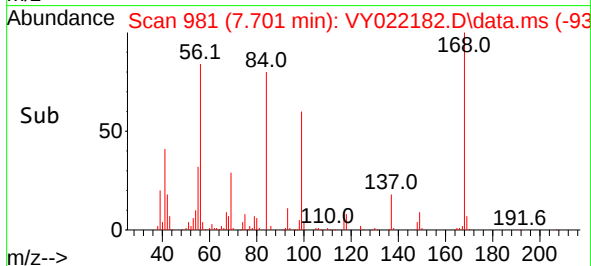
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



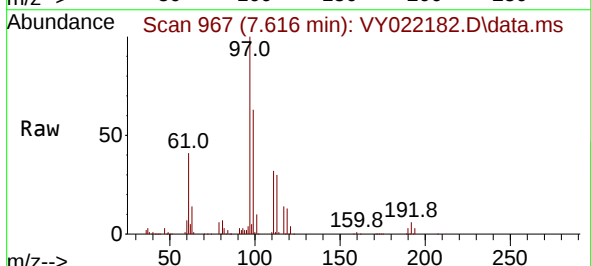
Tgt Ion: 56 Resp: 162398
Ion Ratio Lower Upper
56 100
69 34.6 29.4 44.2
84 96.1 82.2 123.4

Manual Integrations
APPROVED

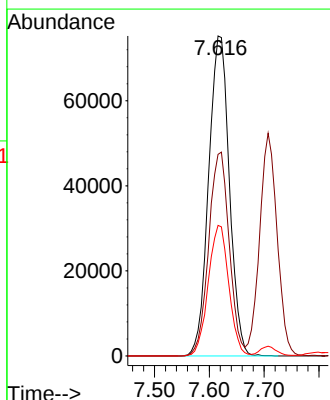
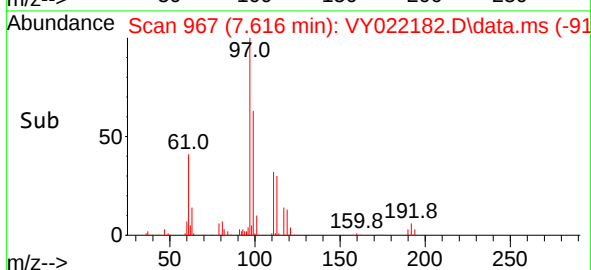
Reviewed By :Mahesh Dadoda 05/08/2025
Supervised By :Semsettin Yesilyurt 05/08/2025

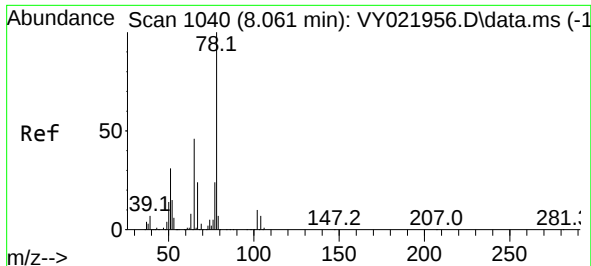


#32
1,1,1-Trichloroethane
Concen: 52.259 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY022182.D
Acq: 07 May 2025 09:05



Tgt Ion: 97 Resp: 197110
Ion Ratio Lower Upper
97 100
99 63.2 51.4 77.2
61 40.6 31.4 47.2





#33

1,2-Dichloroethane-d4

Concen: 54.430 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY022182.D

Acq: 07 May 2025 09:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 105829

Ion Ratio Lower Upper

65 100

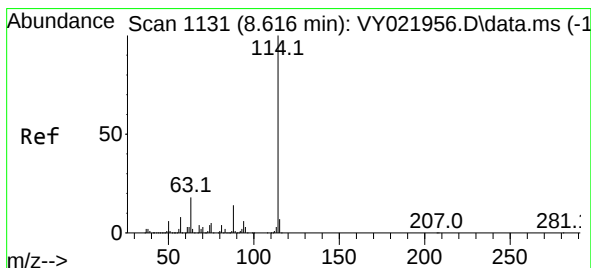
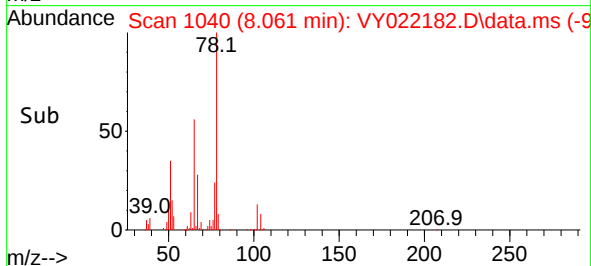
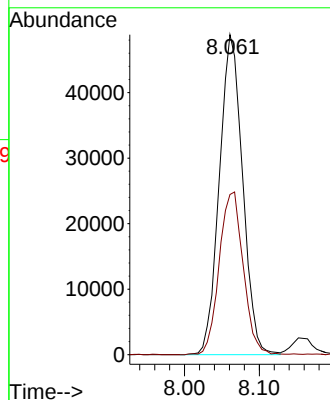
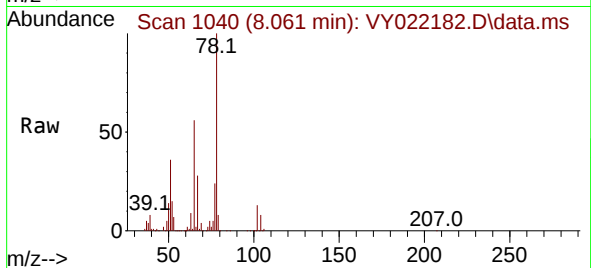
67 52.5 0.0 105.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/08/2025

Supervised By :Semsettin Yesilyurt 05/08/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY022182.D

Acq: 07 May 2025 09:05

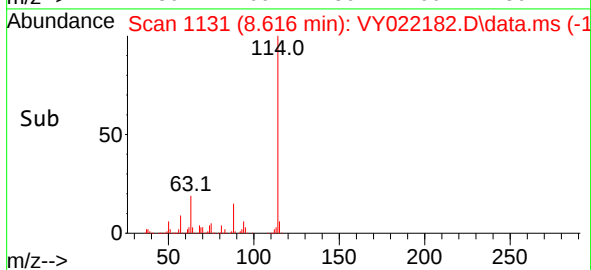
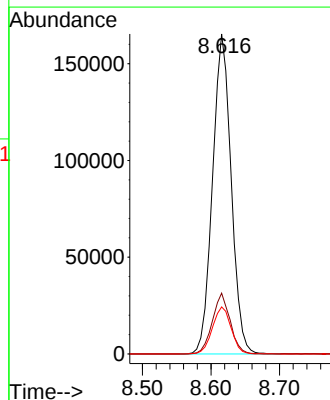
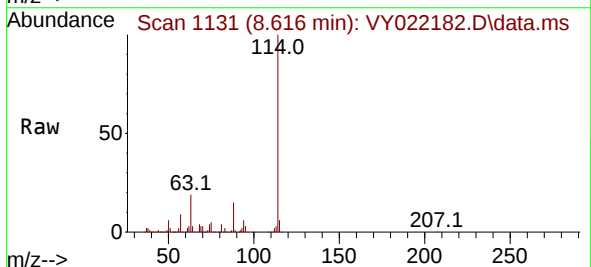
Tgt Ion:114 Resp: 311397

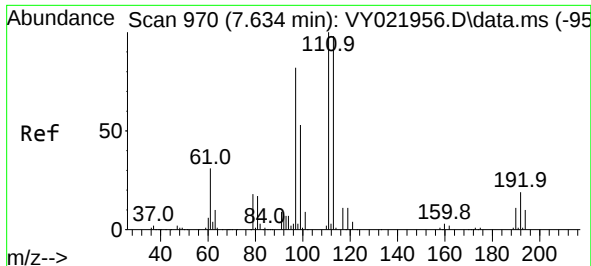
Ion Ratio Lower Upper

114 100

63 19.0 0.0 35.4

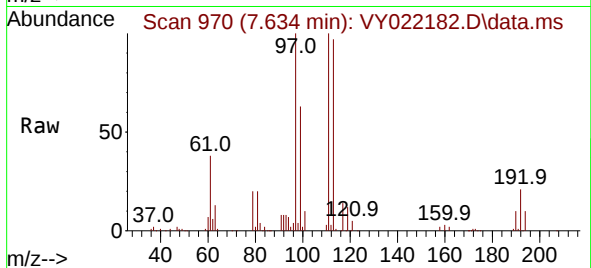
88 14.7 0.0 28.2





#35
Dibromofluoromethane
Concen: 54.617 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY022182.D
Acq: 07 May 2025 09:05

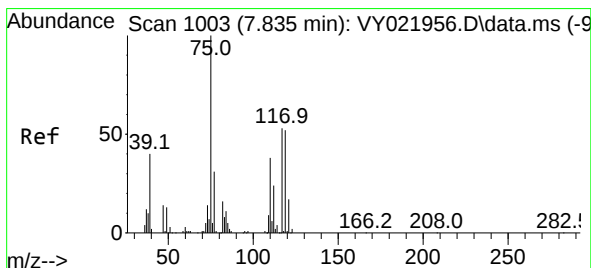
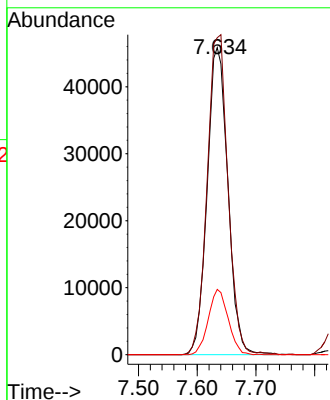
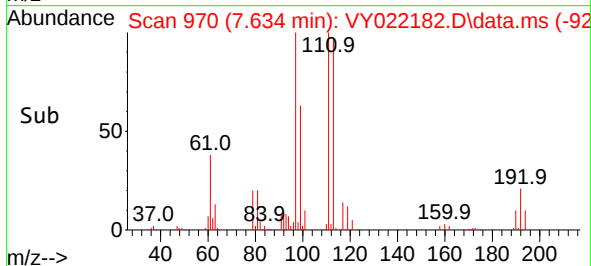
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



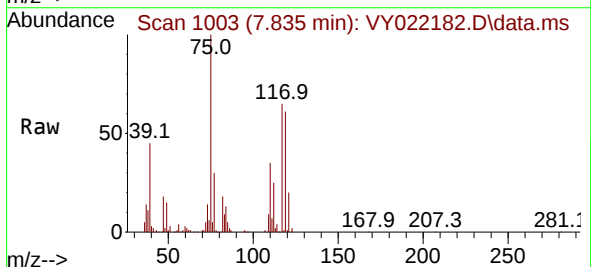
Tgt Ion: 113 Resp: 11236
Ion Ratio Lower Upper
113 100
111 104.6 81.8 122.8
192 20.4 15.6 23.4

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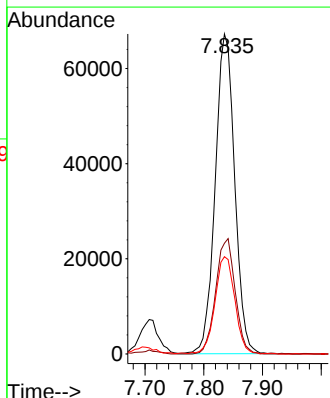
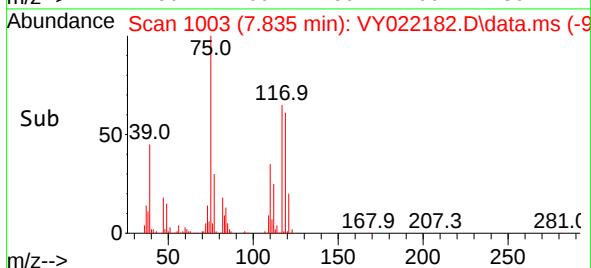
Reviewed By :Mahesh Dadoda 05/08/2025
Supervised By :Semsettin Yesilyurt 05/08/2025

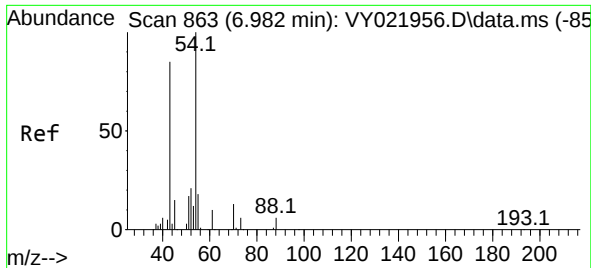


#36
1,1-Dichloropropene
Concen: 56.021 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.000 min
Lab File: VY022182.D
Acq: 07 May 2025 09:05



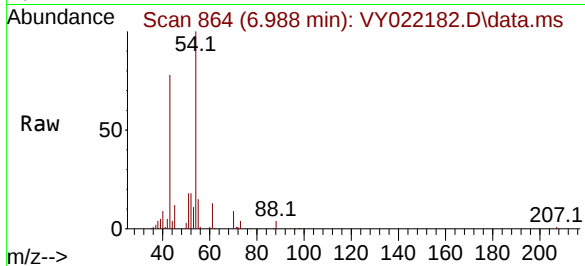
Tgt Ion: 75 Resp: 154811
Ion Ratio Lower Upper
75 100
110 36.1 19.1 57.3
77 31.1 25.5 38.3





#37
Ethyl Acetate
Concen: 56.229 ug/l
RT: 6.988 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY022182.D
Acq: 07 May 2025 09:05

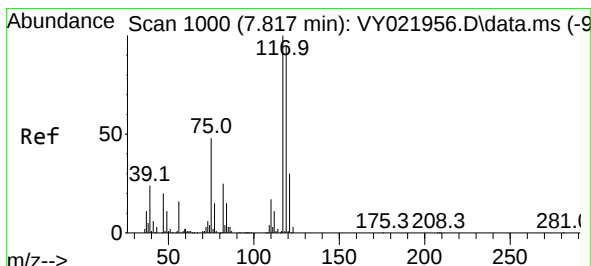
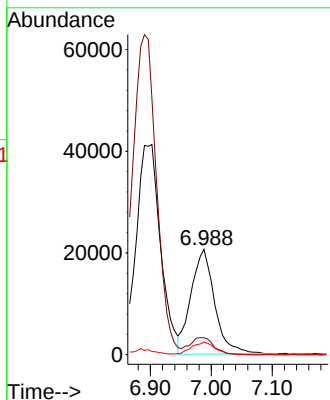
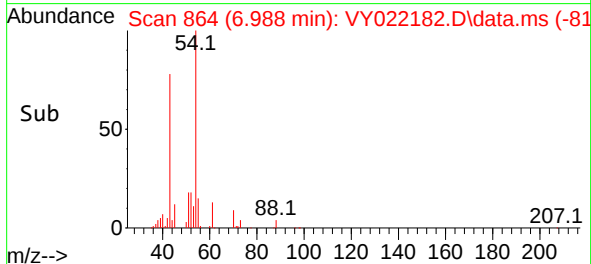
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 5580
Ion Ratio Lower Upper
43 100
61 16.6 13.8 20.6
70 12.1 9.2 13.8

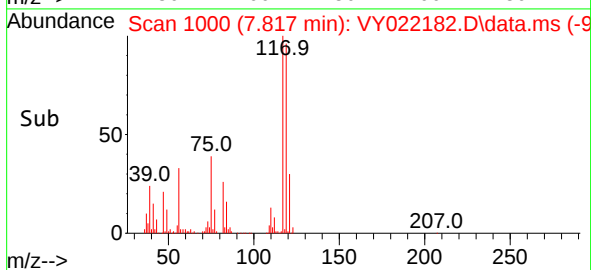
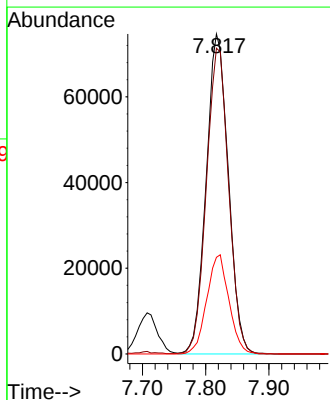
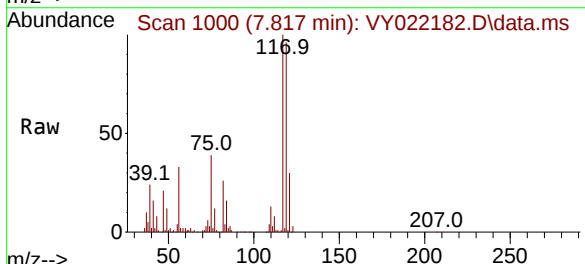
Manual Integrations
APPROVED

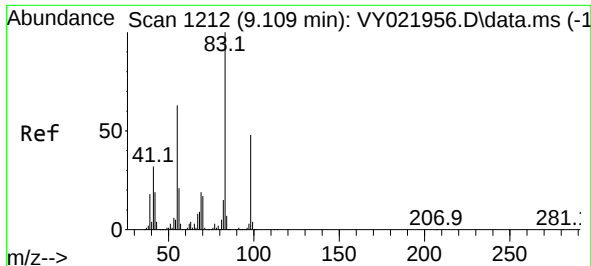
Reviewed By :Mahesh Dadoda 05/08/2025
Supervised By :Semsettin Yesilyurt 05/08/2025



#38
Carbon Tetrachloride
Concen: 55.130 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY022182.D
Acq: 07 May 2025 09:05

Tgt Ion:117 Resp: 182047
Ion Ratio Lower Upper
117 100
119 95.6 76.2 114.4
121 30.2 24.0 36.0





#39

Methylcyclohexane

Concen: 53.948 ug/l

RT: 9.109 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VY022182.D

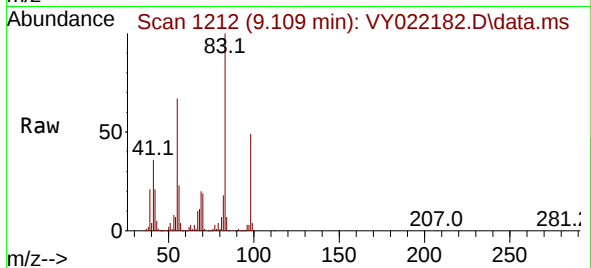
Acq: 07 May 2025 09:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050



Tgt Ion: 83 Resp: 187610

Ion Ratio Lower Upper

83 100

55 67.3 50.6 75.8

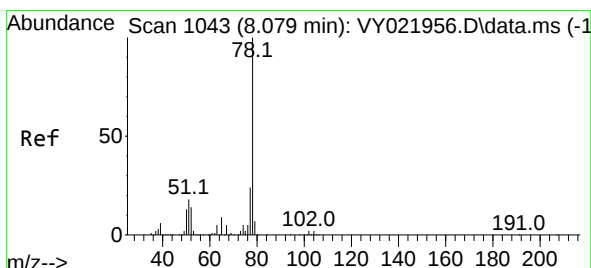
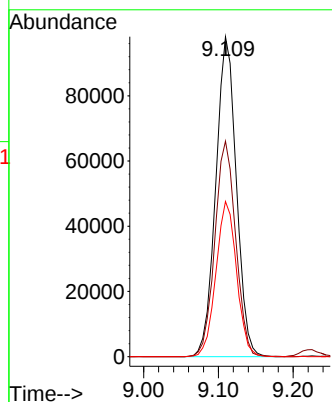
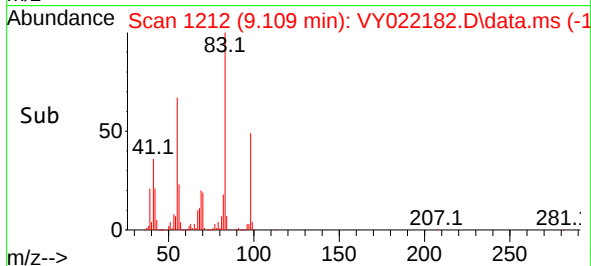
98 48.5 38.6 58.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/08/2025

Supervised By :Semsettin Yesilyurt 05/08/2025



#40

Benzene

Concen: 56.490 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.000 min

Lab File: VY022182.D

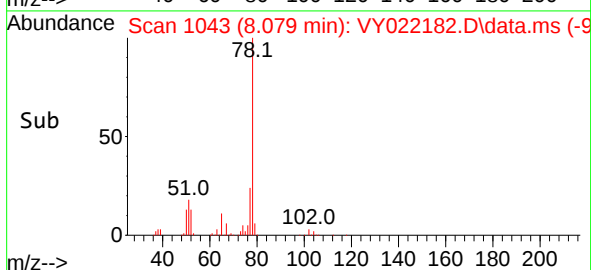
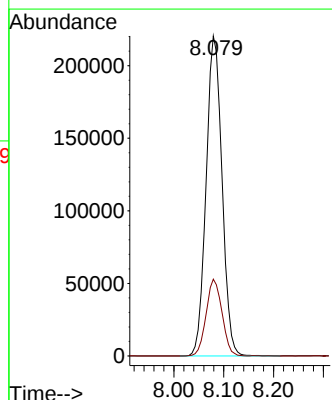
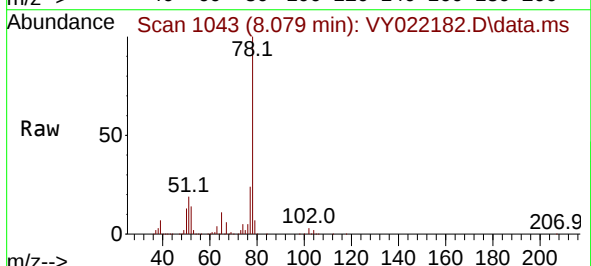
Acq: 07 May 2025 09:05

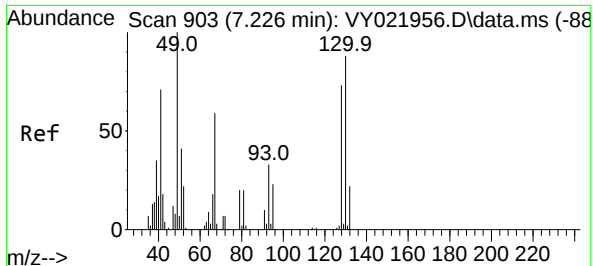
Tgt Ion: 78 Resp: 487982

Ion Ratio Lower Upper

78 100

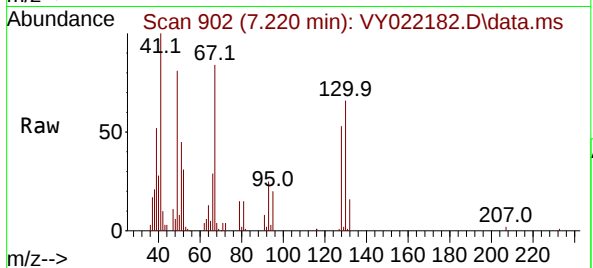
77 24.0 19.3 28.9





#41
Methacrylonitrile
Concen: 48.206 ug/l m
RT: 7.220 min Scan# 903
Delta R.T. -0.006 min
Lab File: VY022182.D
Acq: 07 May 2025 09:05

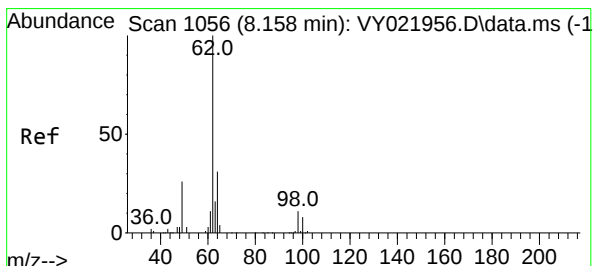
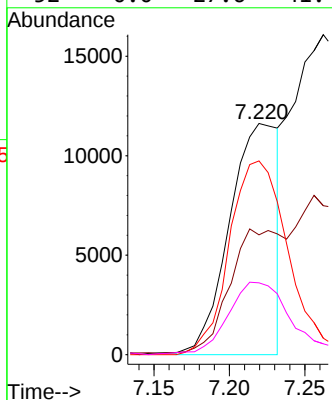
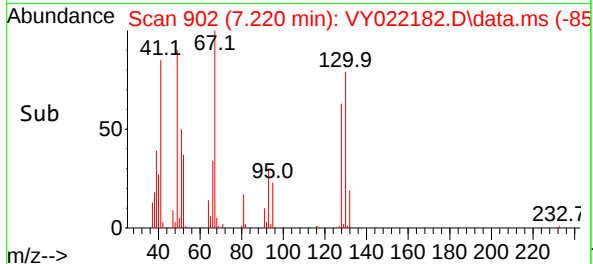
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 26154
Ion Ratio Lower Upper
41 100
39 80.9 36.6 55.0
67 0.0 72.2 108.4
52 0.0 27.6 41.4

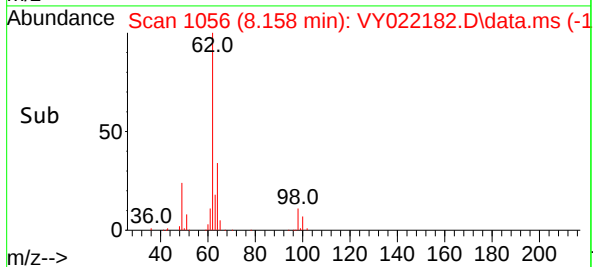
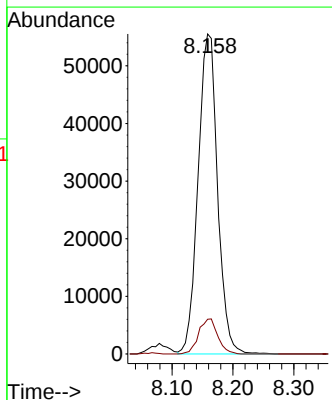
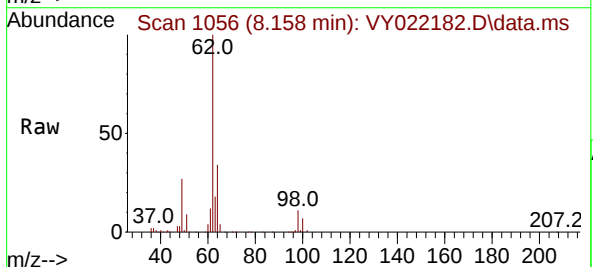
Manual Integrations
APPROVED

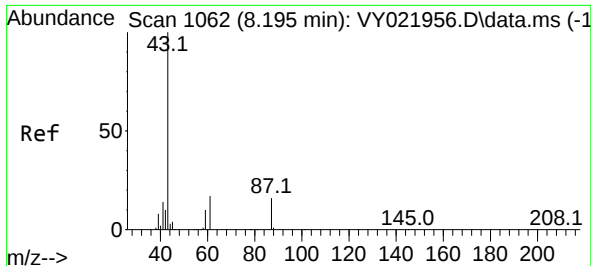
Reviewed By :Mahesh Dadoda 05/08/2025
Supervised By :Semsettin Yesilyurt 05/08/2025



#42
1,2-Dichloroethane
Concen: 57.810 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VY022182.D
Acq: 07 May 2025 09:05

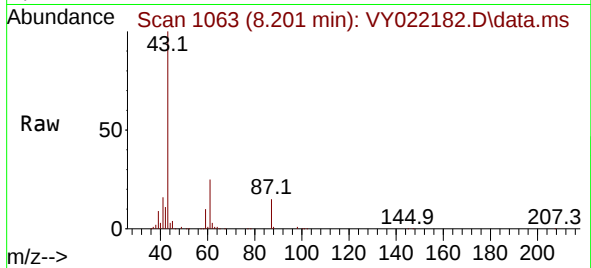
Tgt Ion: 62 Resp: 123641
Ion Ratio Lower Upper
62 100
98 10.7 0.0 22.0





#43
Isopropyl Acetate
Concen: 54.646 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VY022182.D
Acq: 07 May 2025 09:05

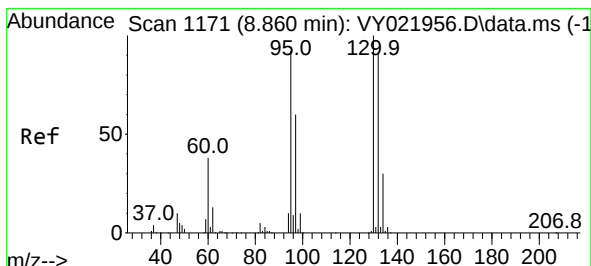
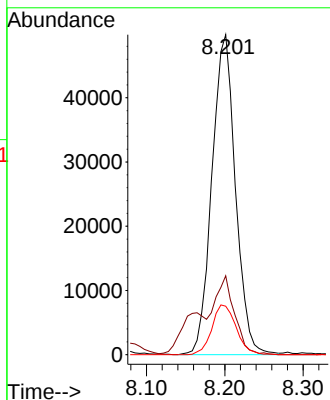
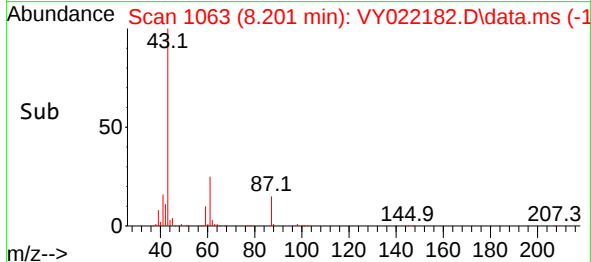
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 104150
Ion Ratio Lower Upper
43 100
61 21.3 18.9 28.3
87 16.1 13.7 20.5

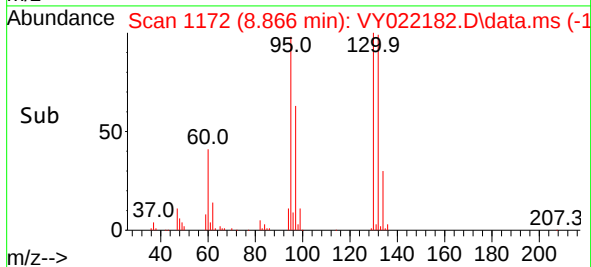
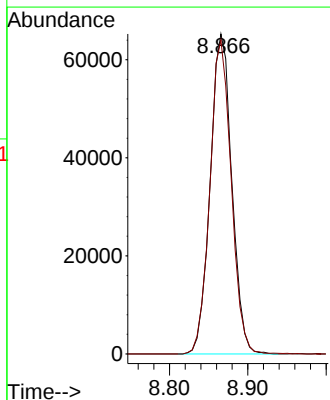
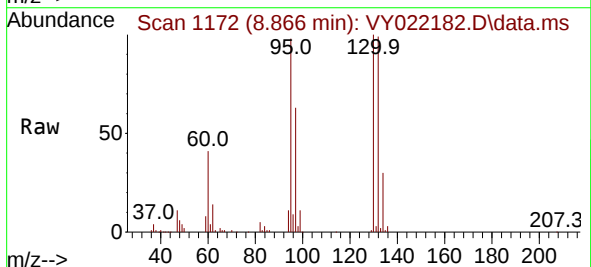
Manual Integrations
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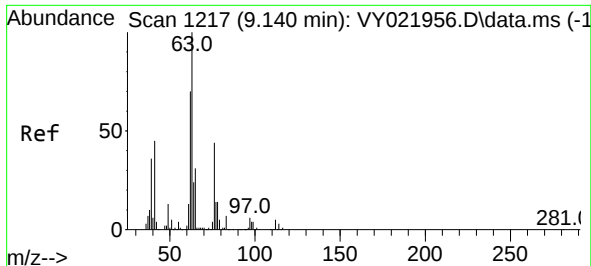
Reviewed By :Mahesh Dadoda 05/08/2025
Supervised By :Semsettin Yesilyurt 05/08/2025



#44
Trichloroethene
Concen: 52.240 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.006 min
Lab File: VY022182.D
Acq: 07 May 2025 09:05

Tgt Ion:130 Resp: 124996
Ion Ratio Lower Upper
130 100
95 98.1 0.0 183.2





#45

1,2-Dichloropropane

Concen: 58.208 ug/l

RT: 9.140 min Scan# 11198

Delta R.T. -0.000 min

Lab File: VY022182.D

Acq: 07 May 2025 09:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 111198

Ion Ratio Lower Upper

63 100

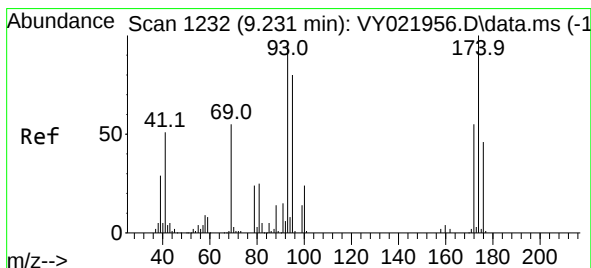
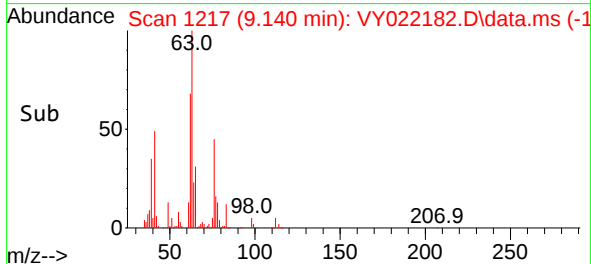
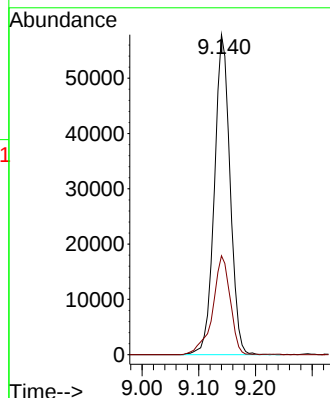
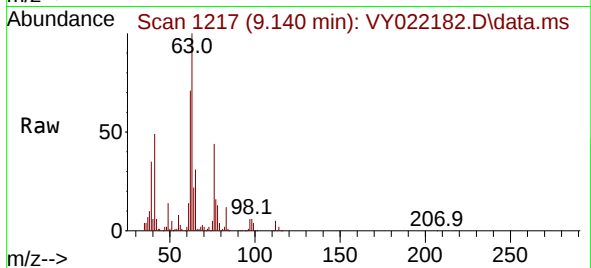
65 30.9 25.2 37.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/08/2025

Supervised By :Semsettin Yesilyurt 05/08/2025



#46

Dibromomethane

Concen: 56.630 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY022182.D

Acq: 07 May 2025 09:05

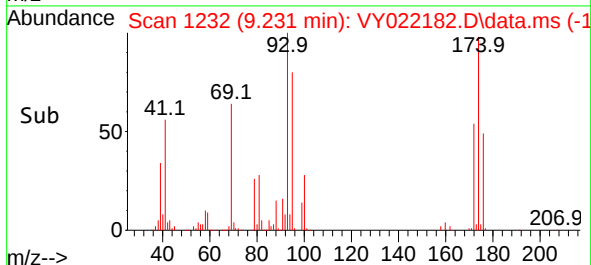
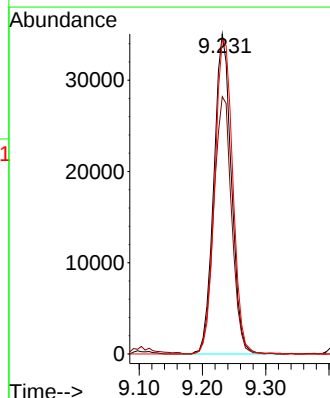
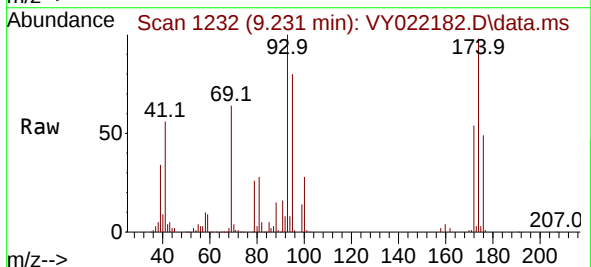
Tgt Ion: 93 Resp: 67722

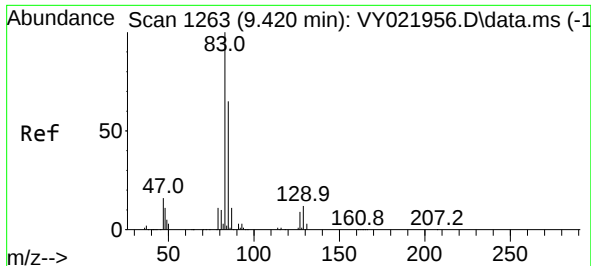
Ion Ratio Lower Upper

93 100

95 82.2 66.7 100.1

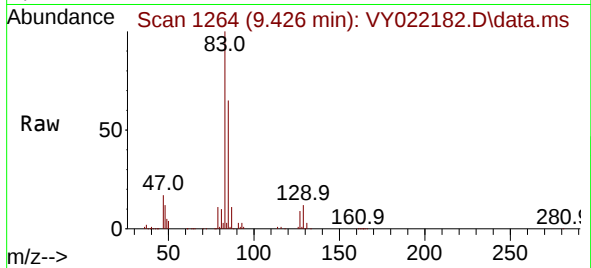
174 100.3 84.6 127.0





#47
Bromodichloromethane
Concen: 57.210 ug/l
RT: 9.426 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VY022182.D
Acq: 07 May 2025 09:05

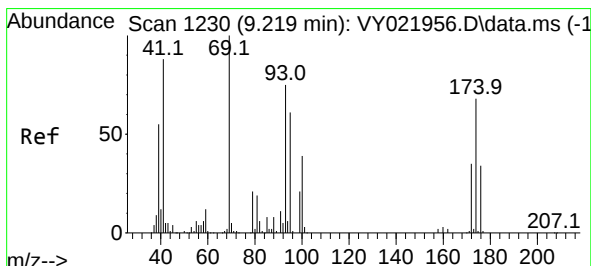
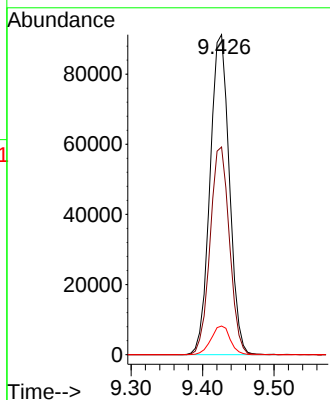
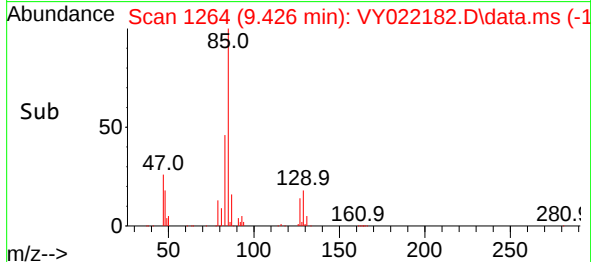
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 17091
Ion Ratio Lower Upper
83 100
85 64.9 51.8 77.8
127 9.0 7.0 10.6

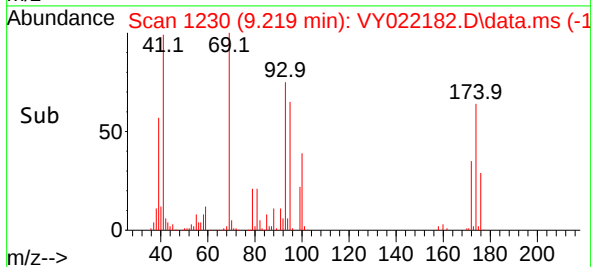
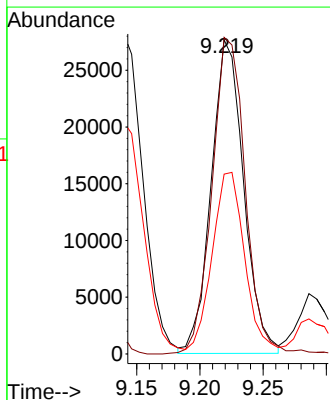
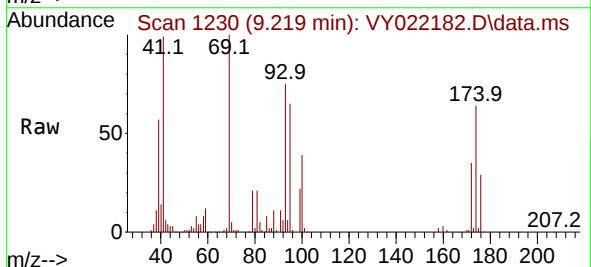
Manual Integrations
APPROVED

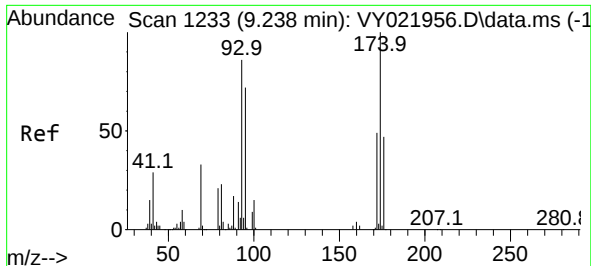
Reviewed By :Mahesh Dadoda 05/08/2025
Supervised By :Semsettin Yesilyurt 05/08/2025



#48
Methyl methacrylate
Concen: 56.018 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.000 min
Lab File: VY022182.D
Acq: 07 May 2025 09:05

Tgt Ion: 41 Resp: 49358
Ion Ratio Lower Upper
41 100
69 103.5 85.5 128.3
39 55.4 46.2 69.4





#49

1,4-Dioxane

Concen: 1028.803 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. -0.000 min

Lab File: VY022182.D

Acq: 07 May 2025 09:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

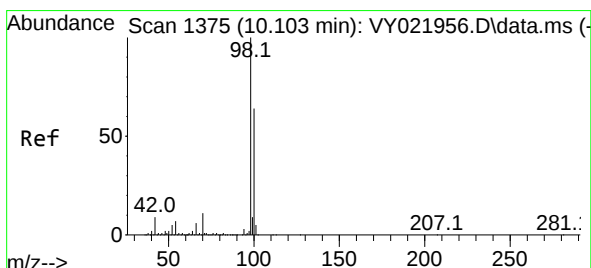
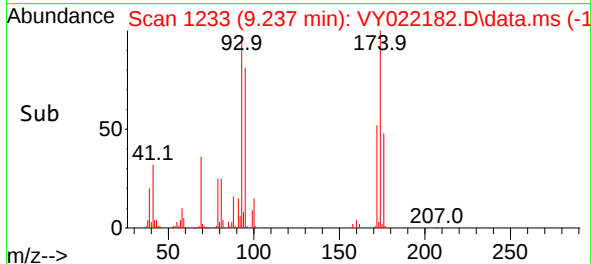
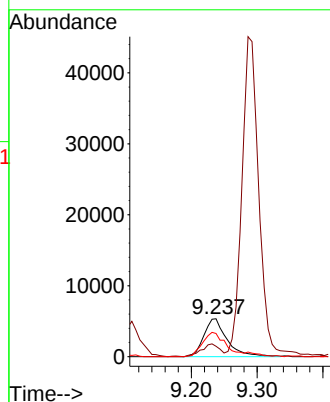
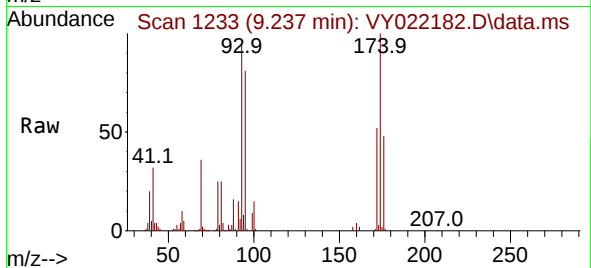
Tgt Ion: 88 Resp: 1311

Ion	Ratio	Lower	Upper
88	100		
43	26.3	21.3	31.9
58	71.0	50.5	75.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/08/2025
Supervised By :Semsettin Yesilyurt 05/08/2025



#50

Toluene-d8

Concen: 57.568 ug/l

RT: 10.109 min Scan# 1376

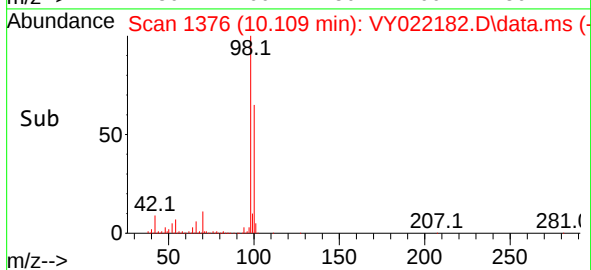
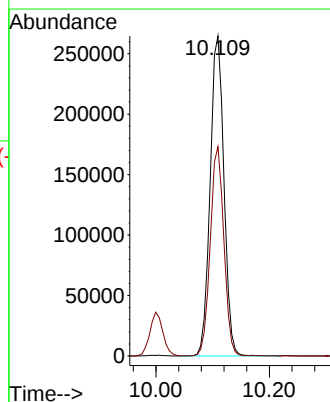
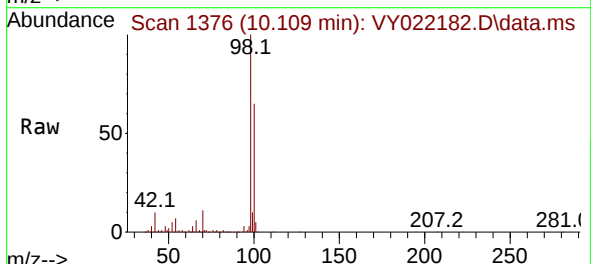
Delta R.T. 0.006 min

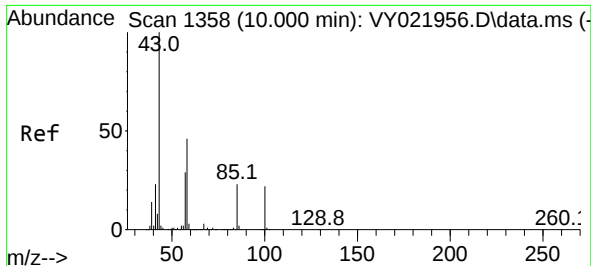
Lab File: VY022182.D

Acq: 07 May 2025 09:05

Tgt Ion: 98 Resp: 446486

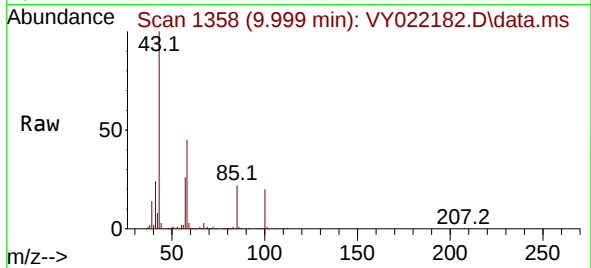
Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.6	77.4





#51
4-Methyl-2-Pentanone
Concen: 292.437 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VY022182.D
Acq: 07 May 2025 09:05

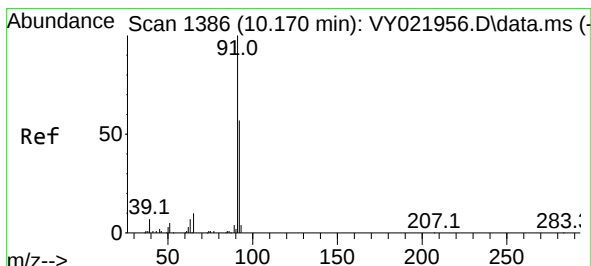
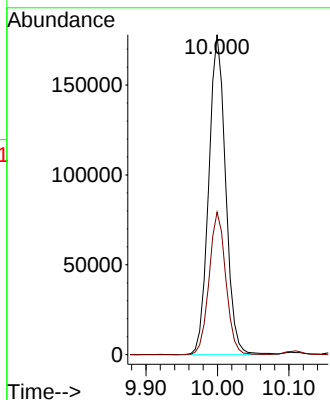
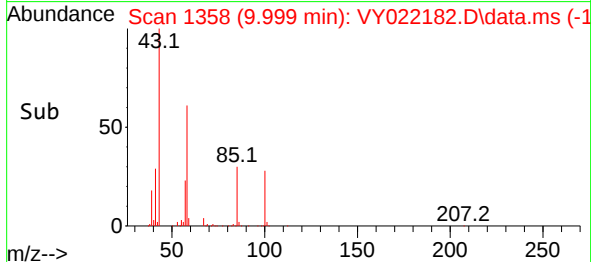
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 292188
Ion Ratio Lower Upper
43 100
58 44.0 36.6 55.0

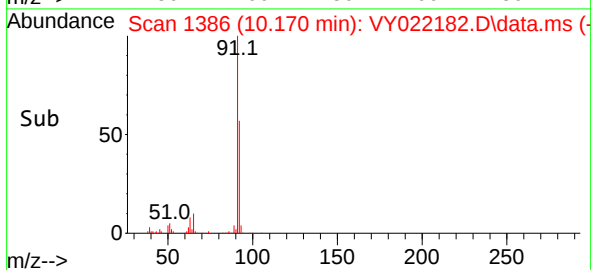
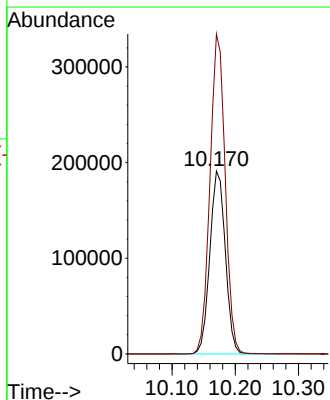
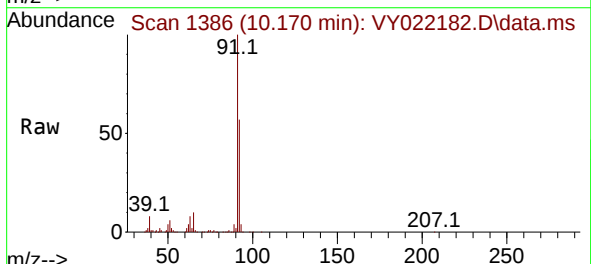
Manual Integrations
APPROVED

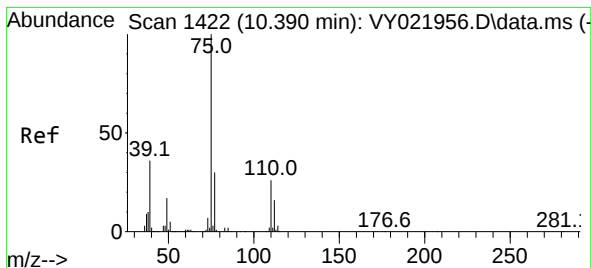
Reviewed By :Mahesh Dadoda 05/08/2025
Supervised By :Semsettin Yesilyurt 05/08/2025



#52
Toluene
Concen: 58.211 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VY022182.D
Acq: 07 May 2025 09:05

Tgt Ion: 92 Resp: 325502
Ion Ratio Lower Upper
92 100
91 171.8 138.6 207.8





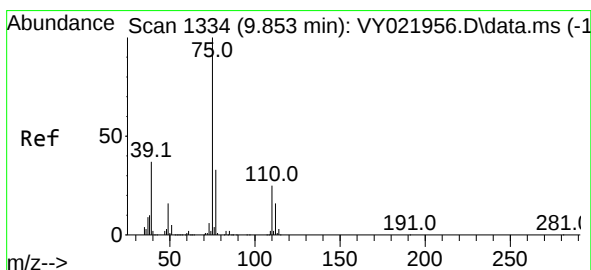
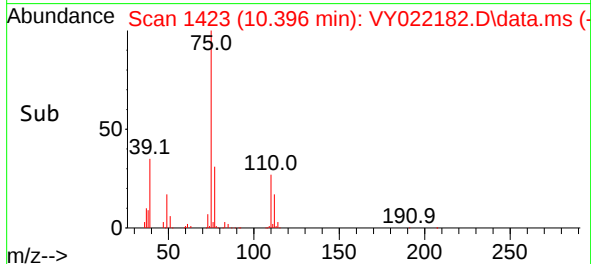
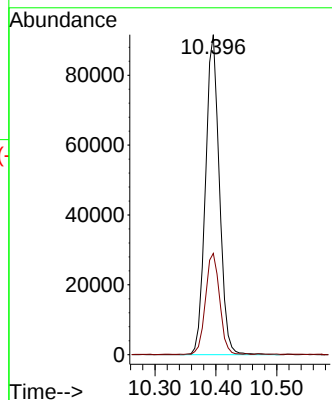
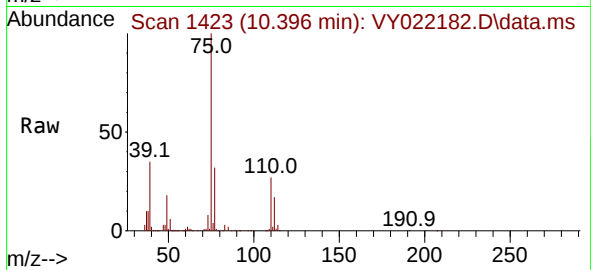
#53
 t-1,3-Dichloropropene
 Concen: 56.543 ug/l
 RT: 10.396 min Scan# 1422
 Delta R.T. 0.006 min
 Lab File: VY022182.D
 Acq: 07 May 2025 09:05

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 75 Resp: 144889
 Ion Ratio Lower Upper
 75 100
 77 31.5 24.0 36.0

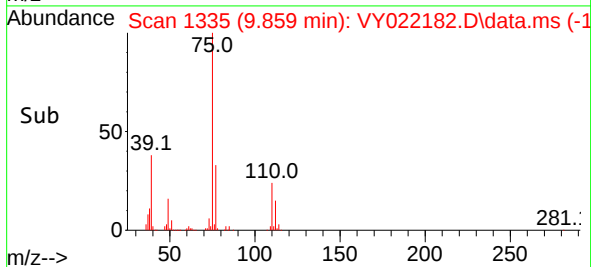
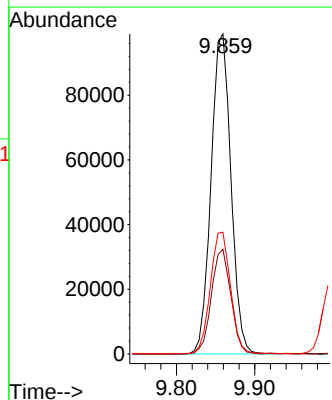
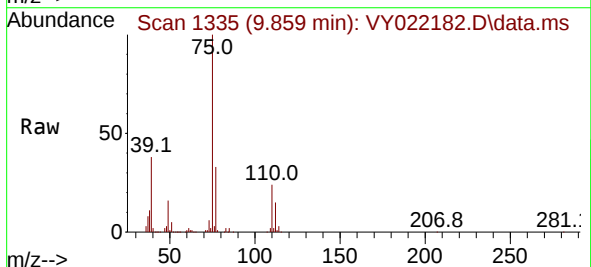
Manual Integrations
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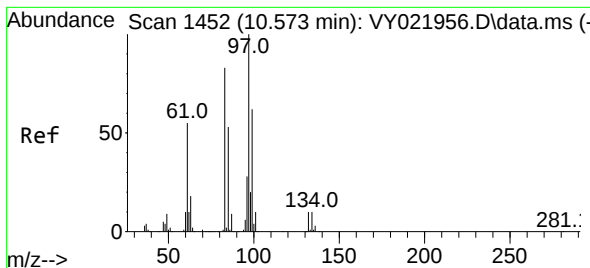
Reviewed By :Mahesh Dadoda 05/08/2025
 Supervised By :Semsettin Yesilyurt 05/08/2025



#54
 cis-1,3-Dichloropropene
 Concen: 57.397 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. 0.006 min
 Lab File: VY022182.D
 Acq: 07 May 2025 09:05

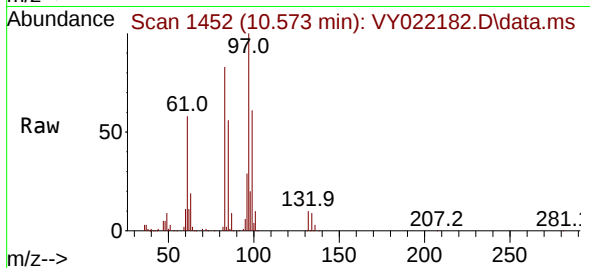
Tgt Ion: 75 Resp: 174833
 Ion Ratio Lower Upper
 75 100
 77 32.7 26.6 40.0
 39 38.0 29.6 44.4





#55
1,1,2-Trichloroethane
Concen: 56.586 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VY022182.D
Acq: 07 May 2025 09:05

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

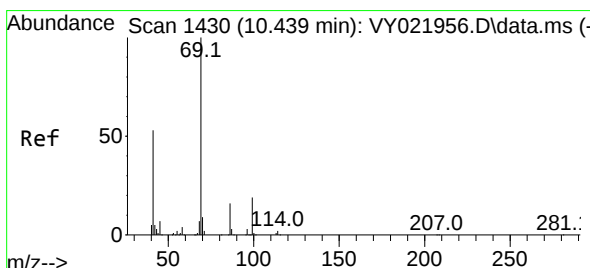
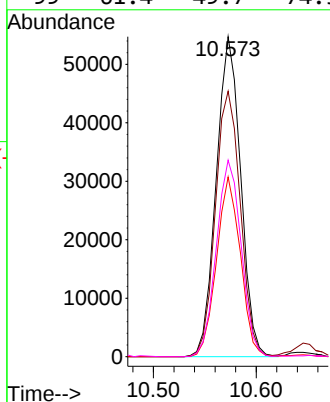
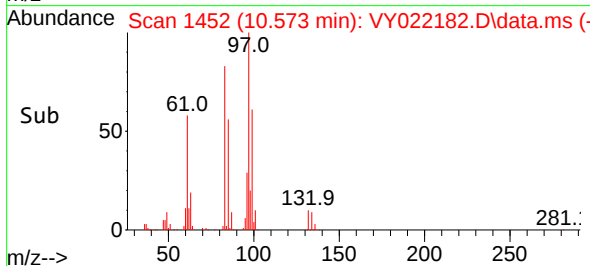


Tgt Ion: 97 Resp: 90389

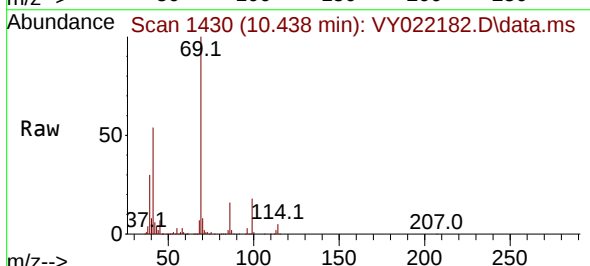
Ion	Ratio	Lower	Upper
97	100		
83	83.0	66.7	100.1
85	56.2	42.6	64.0
99	61.4	49.7	74.5

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 05/08/2025
Supervised By :Semsettin Yesilyurt 05/08/2025

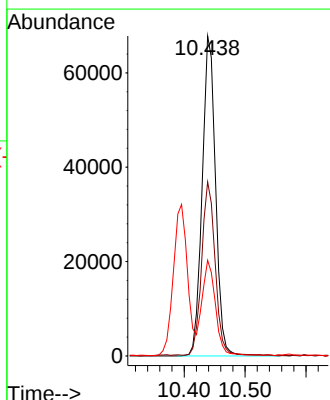
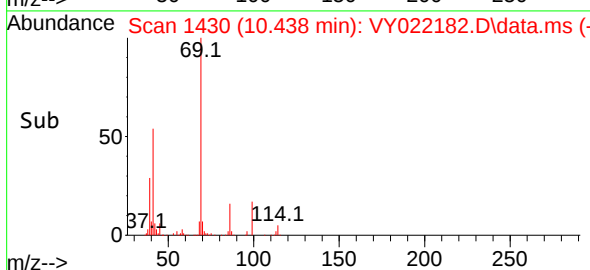


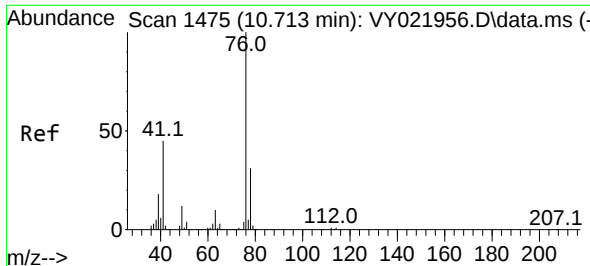
#56
Ethyl methacrylate
Concen: 56.840 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VY022182.D
Acq: 07 May 2025 09:05



Tgt Ion: 69 Resp: 103830

Ion	Ratio	Lower	Upper
69	100		
41	54.7	40.7	61.1
39	28.9	23.3	34.9





#57

1,3-Dichloropropane

Concen: 56.883 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY022182.D

Acq: 07 May 2025 09:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 14566

Ion Ratio Lower Upper

76 100

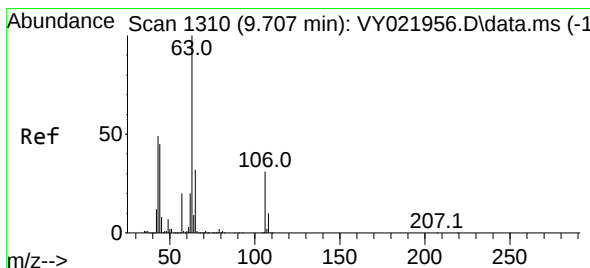
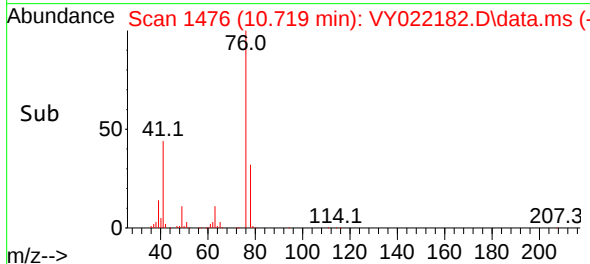
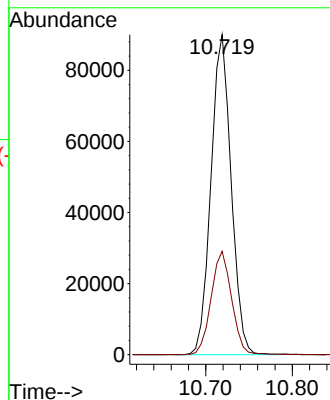
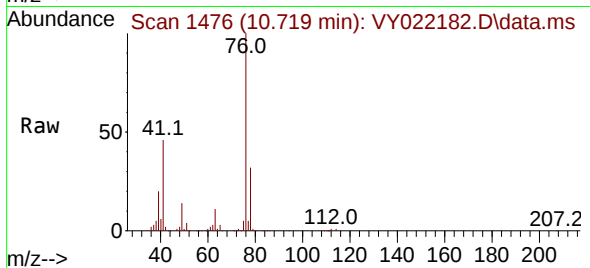
78 32.9 26.6 39.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/08/2025

Supervised By :Semsettin Yesilyurt 05/08/2025



#58

2-Chloroethyl Vinyl ether

Concen: 286.493 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY022182.D

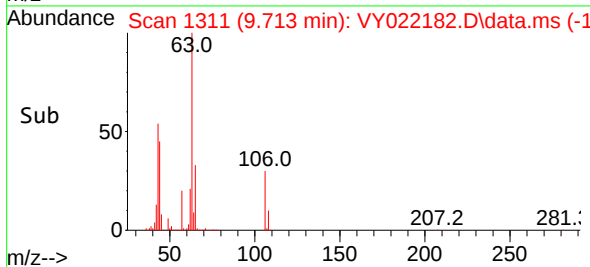
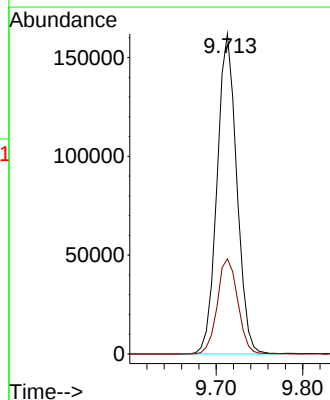
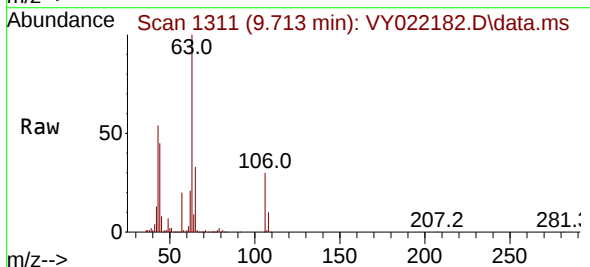
Acq: 07 May 2025 09:05

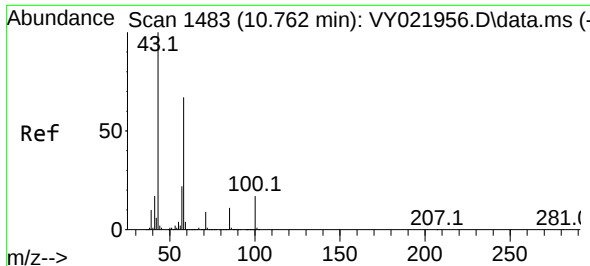
Tgt Ion: 63 Resp: 255878

Ion Ratio Lower Upper

63 100

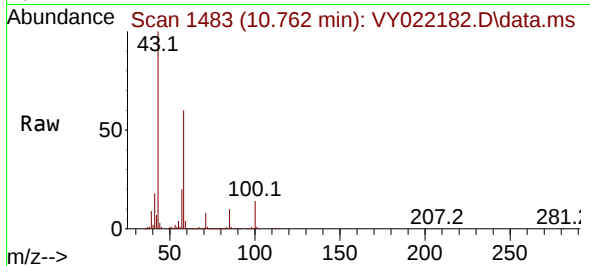
106 30.8 25.3 37.9





#59
2-Hexanone
Concen: 298.774 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY022182.D
Acq: 07 May 2025 09:05

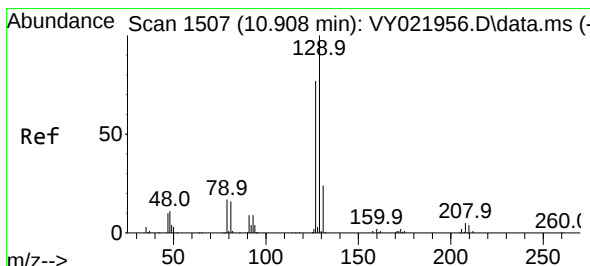
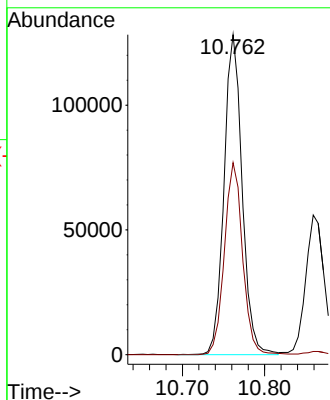
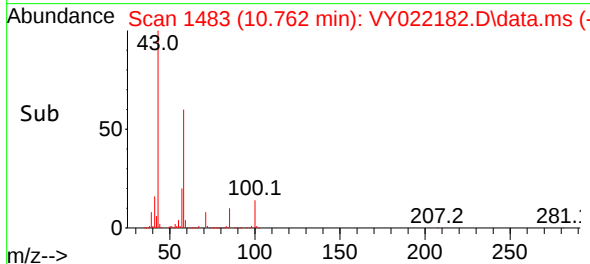
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 196899
Ion Ratio Lower Upper
43 100
58 60.3 32.0 96.0

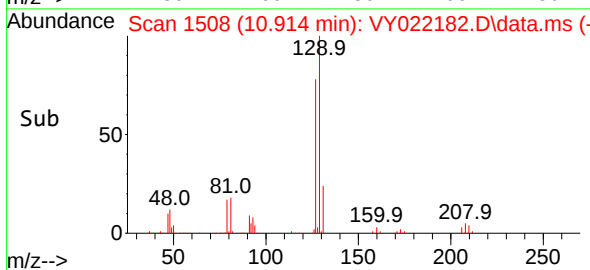
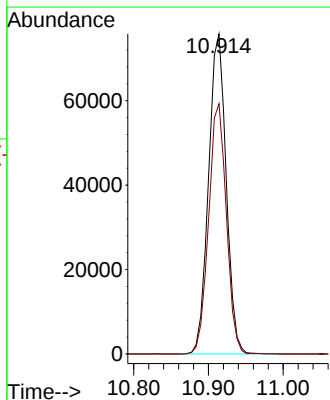
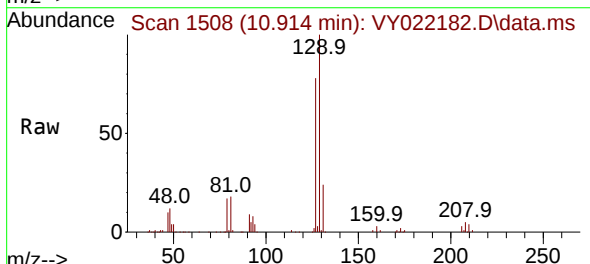
Manual Integrations
APPROVED

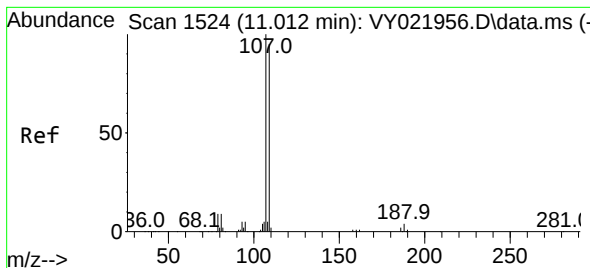
Reviewed By :Mahesh Dadoda 05/08/2025
Supervised By :Semsettin Yesilyurt 05/08/2025



#60
Dibromochloromethane
Concen: 56.126 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY022182.D
Acq: 07 May 2025 09:05

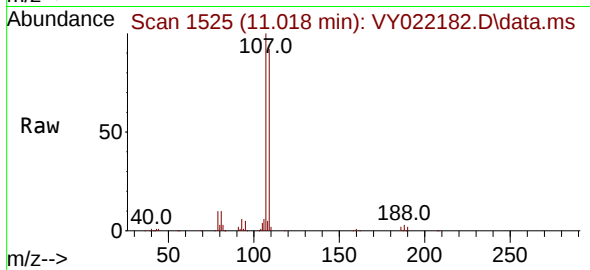
Tgt Ion:129 Resp: 124126
Ion Ratio Lower Upper
129 100
127 78.5 38.5 115.3





#61
1,2-Dibromoethane
Concen: 56.290 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. 0.006 min
Lab File: VY022182.D
Acq: 07 May 2025 09:05

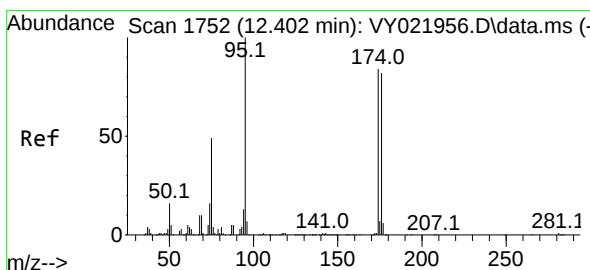
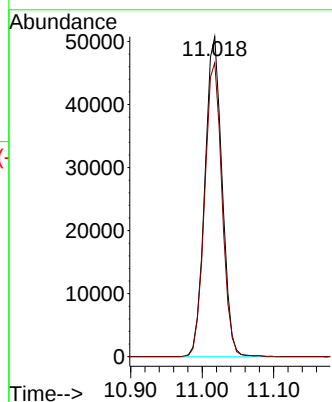
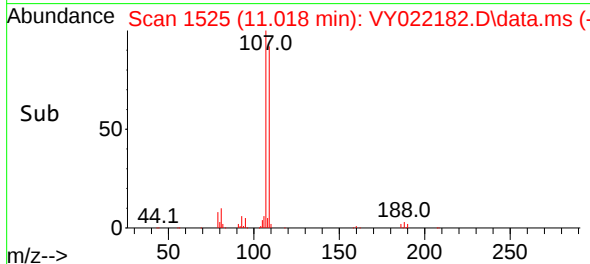
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



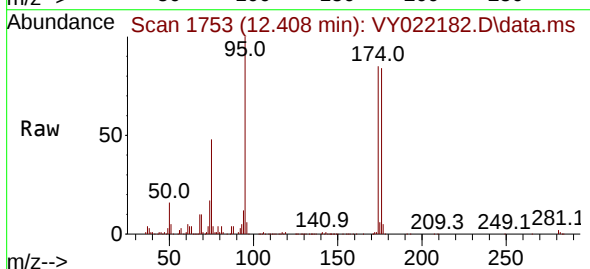
Tgt Ion:107 Resp: 8488
Ion Ratio Lower Upper
107 100
109 92.4 75.8 113.8

Manual Integrations
APPROVED

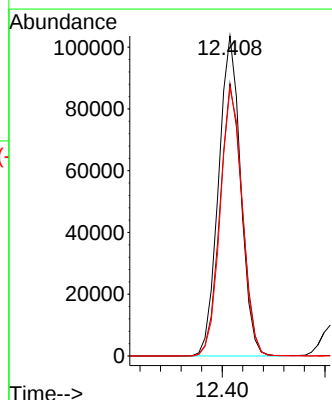
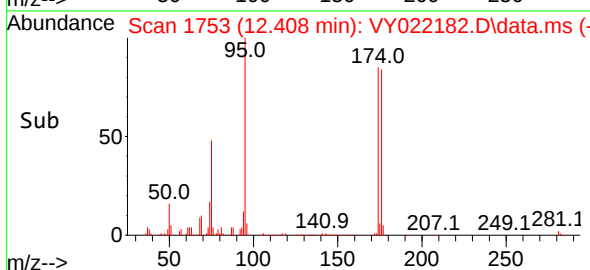
Reviewed By :Mahesh Dadoda 05/08/2025
Supervised By :Semsettin Yesilyurt 05/08/2025

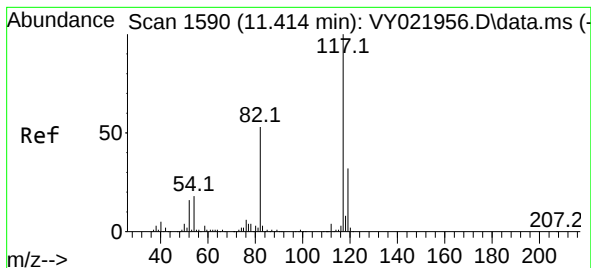


#62
4-Bromofluorobenzene
Concen: 59.135 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY022182.D
Acq: 07 May 2025 09:05



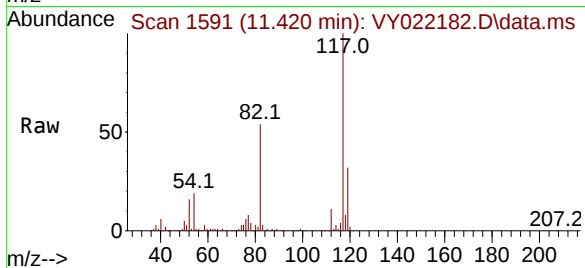
Tgt Ion: 95 Resp: 154397
Ion Ratio Lower Upper
95 100
174 85.1 0.0 179.0
176 83.6 0.0 171.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY022182.D
Acq: 07 May 2025 09:05

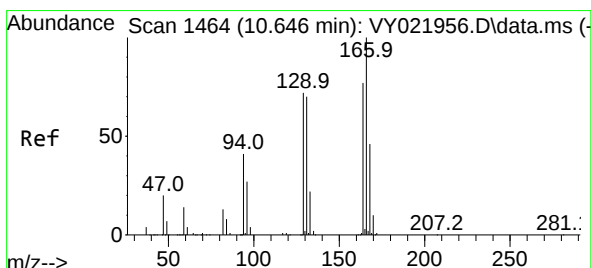
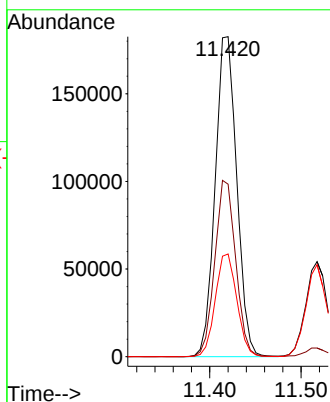
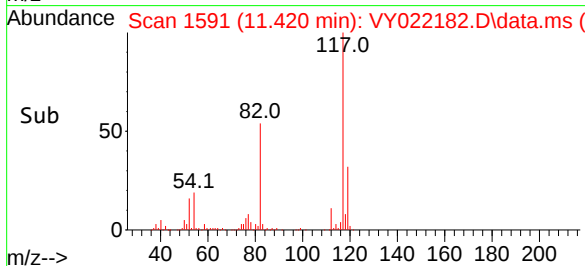
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



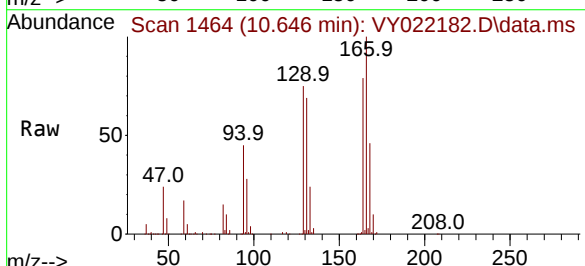
Tgt Ion:117 Resp: 29999
Ion Ratio Lower Upper
117 100
82 53.9 42.1 63.1
119 32.1 25.7 38.5

Manual Integrations
APPROVED

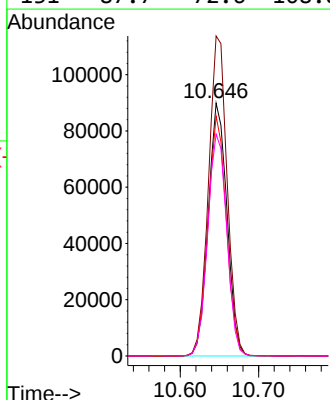
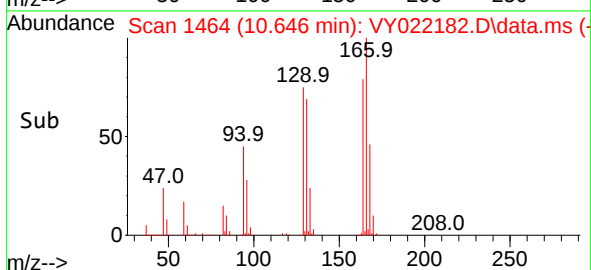
Reviewed By :Mahesh Dadoda 05/08/2025
Supervised By :Semsettin Yesilyurt 05/08/2025



#64
Tetrachloroethene
Concen: 52.784 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VY022182.D
Acq: 07 May 2025 09:05



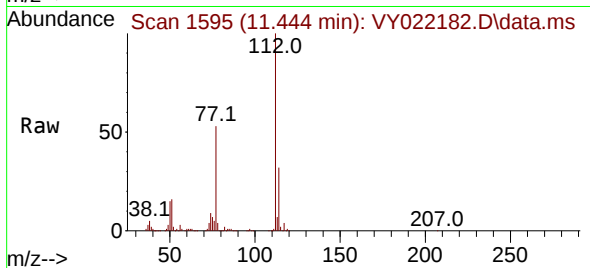
Tgt Ion:164 Resp: 149382
Ion Ratio Lower Upper
164 100
166 126.5 103.6 155.4
129 94.8 74.2 111.4
131 87.7 72.6 108.8





#65
Chlorobenzene
Concen: 53.991 ug/l
RT: 11.444 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY022182.D
Acq: 07 May 2025 09:05

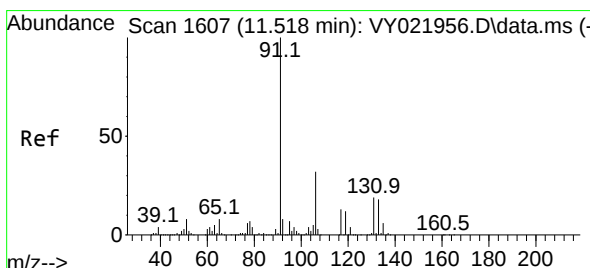
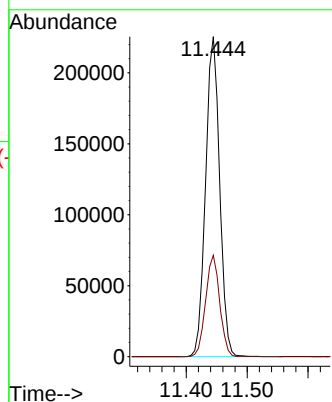
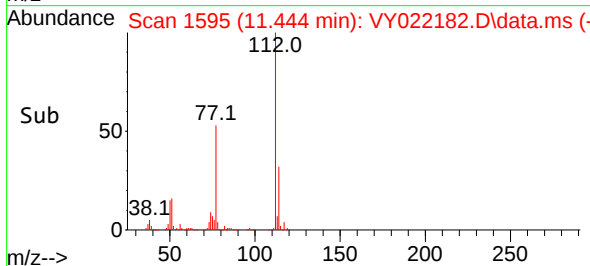
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



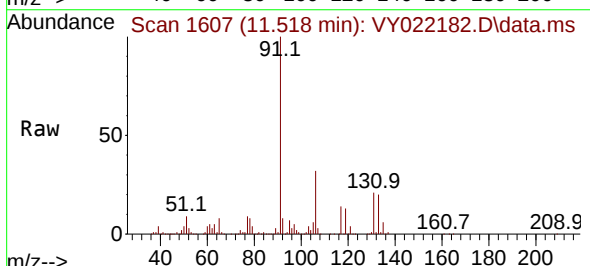
Tgt Ion:112 Resp: 36221
Ion Ratio Lower Upper
112 100
114 31.7 25.0 37.4

Manual Integrations
APPROVED

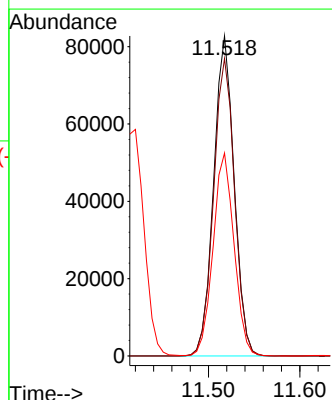
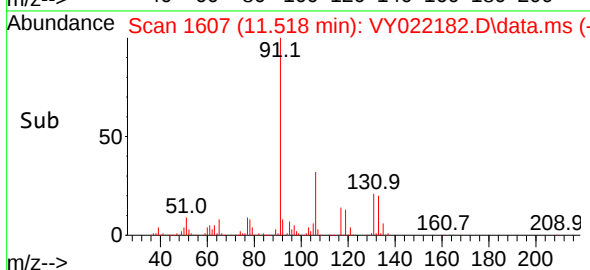
Reviewed By :Mahesh Dadoda 05/08/2025
Supervised By :Semsettin Yesilyurt 05/08/2025

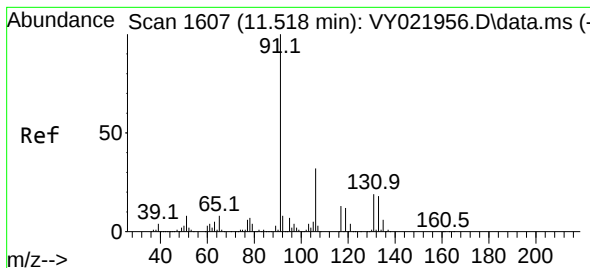


#66
1,1,1,2-Tetrachloroethane
Concen: 54.594 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022182.D
Acq: 07 May 2025 09:05



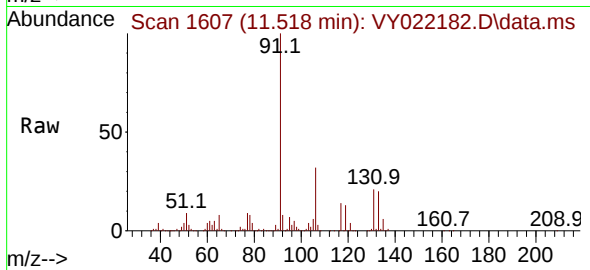
Tgt Ion:131 Resp: 128943
Ion Ratio Lower Upper
131 100
133 95.2 47.8 143.3
119 64.9 32.4 97.0





#67
Ethyl Benzene
Concen: 55.574 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022182.D
Acq: 07 May 2025 09:05

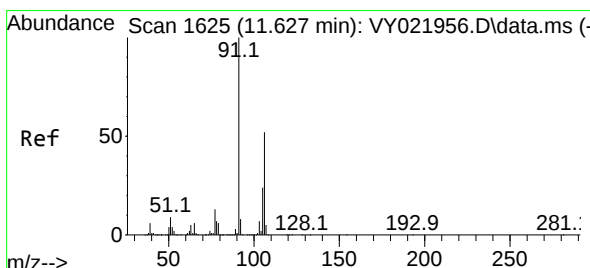
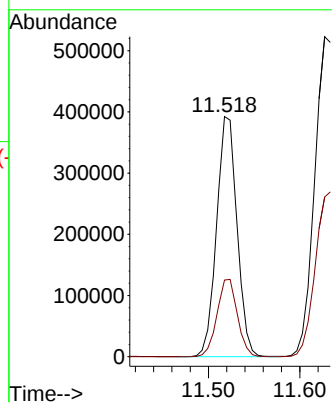
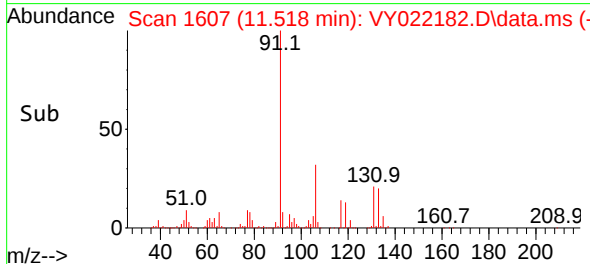
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



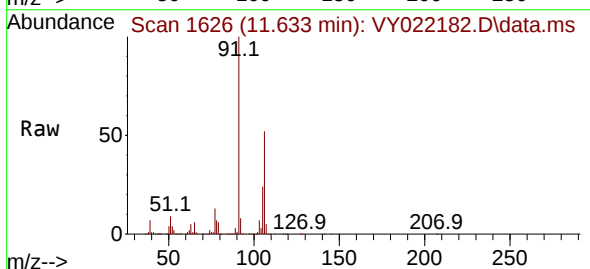
Tgt Ion: 91 Resp: 609889
Ion Ratio Lower Upper
91 100
106 31.9 25.9 38.9

Manual Integrations
APPROVED

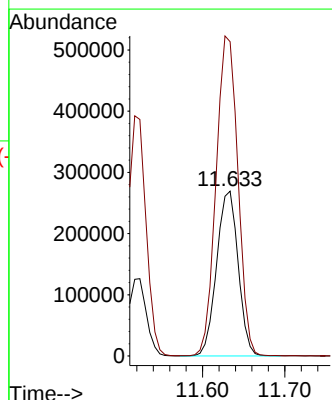
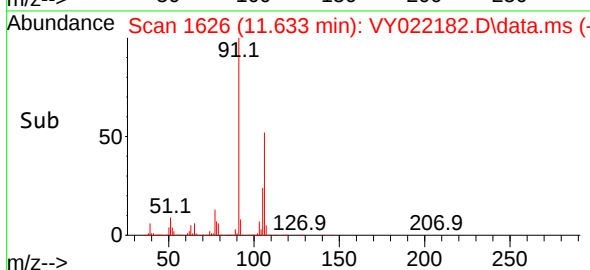
Reviewed By :Mahesh Dadoda 05/08/2025
Supervised By :Semsettin Yesilyurt 05/08/2025

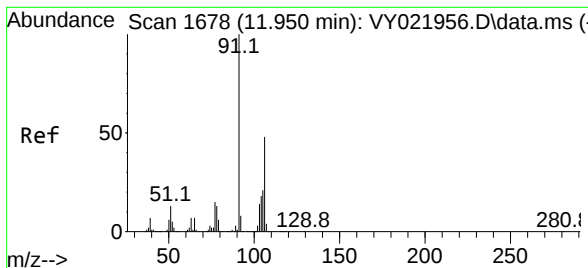


#68
m/p-Xylenes
Concen: 112.250 ug/l
RT: 11.633 min Scan# 1626
Delta R.T. 0.006 min
Lab File: VY022182.D
Acq: 07 May 2025 09:05



Tgt Ion:106 Resp: 490191
Ion Ratio Lower Upper
106 100
91 197.1 156.2 234.2





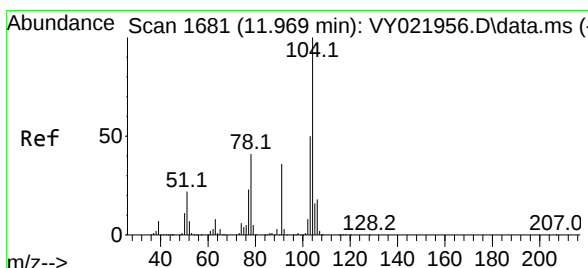
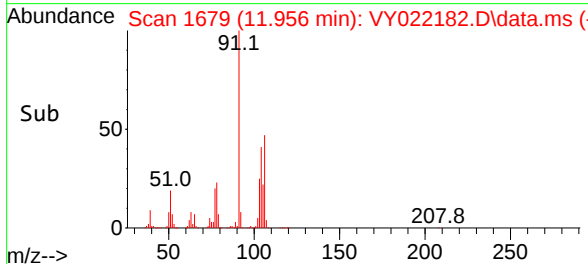
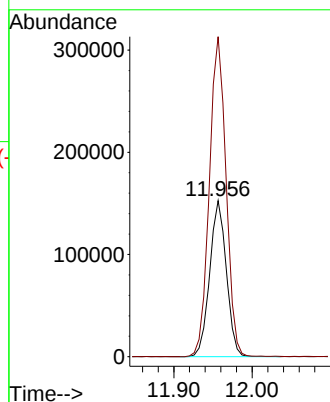
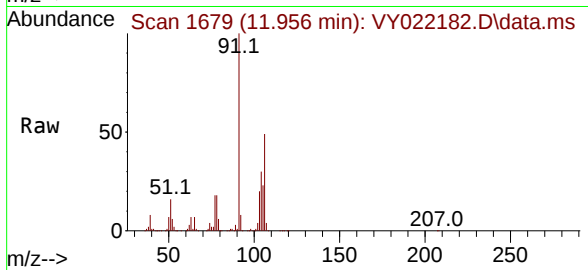
#69
o-Xylene
Concen: 55.932 ug/l
RT: 11.956 min Scan# 1678
Delta R.T. 0.006 min
Lab File: VY022182.D
Acq: 07 May 2025 09:05

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 22512
Ion Ratio Lower Upper
106 100
91 206.0 103.0 308.9

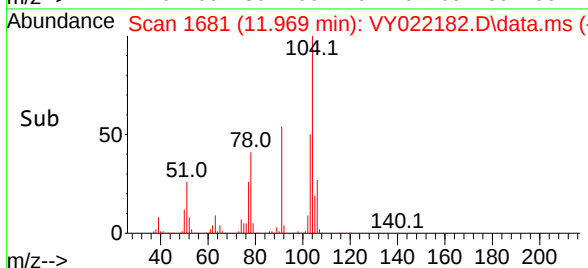
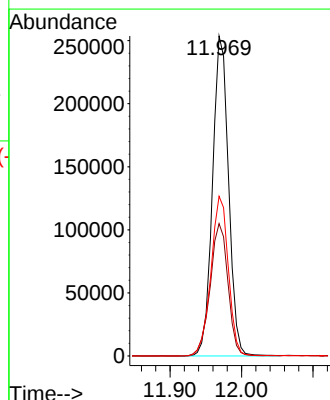
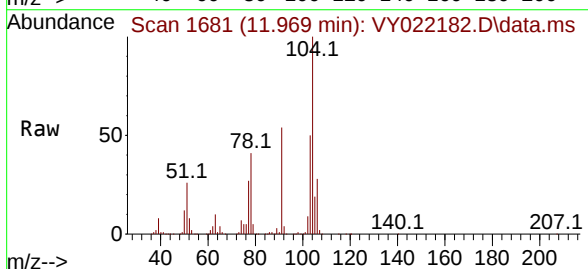
Manual Integrations
APPROVED

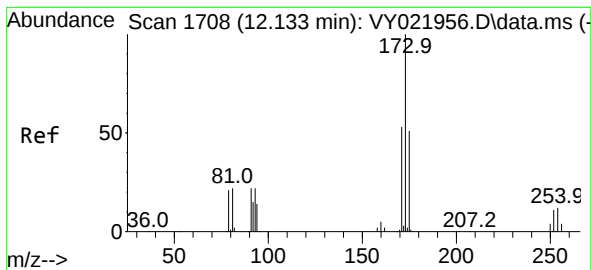
Reviewed By :Mahesh Dadoda 05/08/2025
Supervised By :Semsettin Yesilyurt 05/08/2025



#70
Styrene
Concen: 58.497 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY022182.D
Acq: 07 May 2025 09:05

Tgt Ion:104 Resp: 395321
Ion Ratio Lower Upper
104 100
78 45.9 36.6 54.8
103 54.3 43.8 65.8





#71

Bromoform

Concen: 53.573 ug/l

RT: 12.133 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY022182.D

Acq: 07 May 2025 09:05

Instrument :

MSVOA_Y

ClientSampleId :

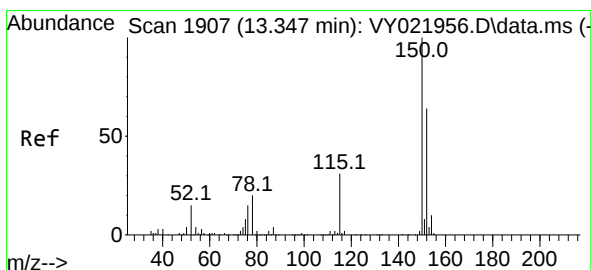
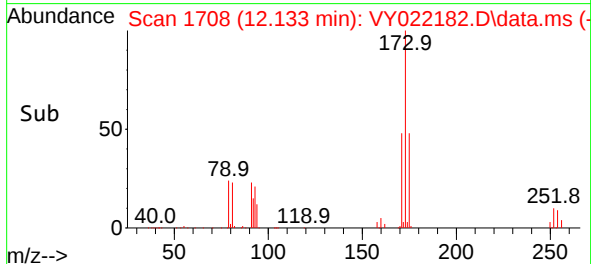
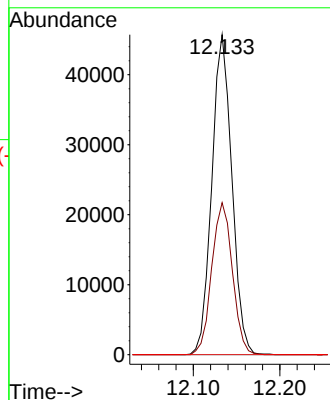
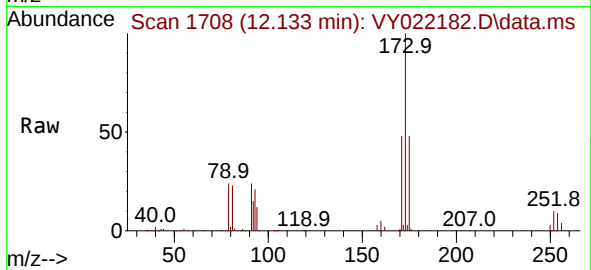
VSTDCCC050

Tgt Ion:173	Resp: 73564
Ion Ratio	Lower Upper
173 100	
175 48.9	24.3 72.8
254 0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/08/2025
Supervised By :Semsettin Yesilyurt 05/08/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

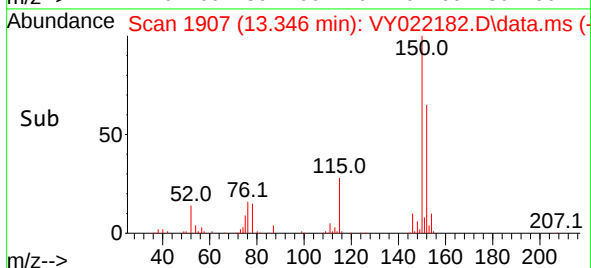
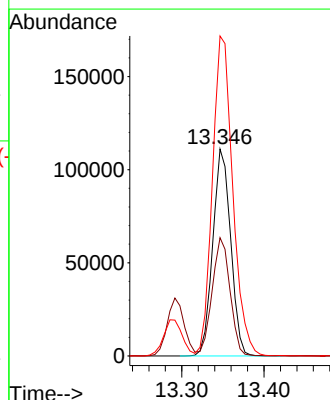
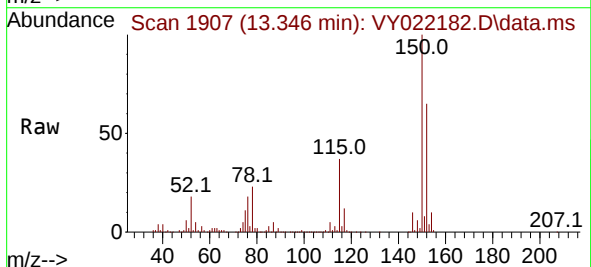
RT: 13.346 min Scan# 1907

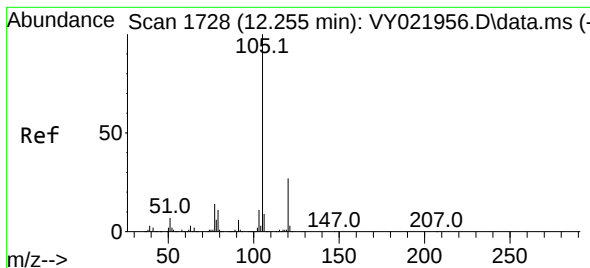
Delta R.T. -0.000 min

Lab File: VY022182.D

Acq: 07 May 2025 09:05

Tgt Ion:152	Resp: 167851
Ion Ratio	Lower Upper
152 100	
115 57.0	28.0 84.0
150 175.4	0.0 345.6





#73

Isopropylbenzene

Concen: 53.425 ug/l

RT: 12.255 min Scan# 1728

Delta R.T. -0.000 min

Lab File: VY022182.D

Acq: 07 May 2025 09:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 599120

Ion Ratio Lower Upper

105 100

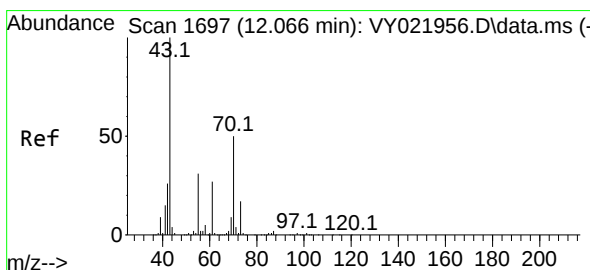
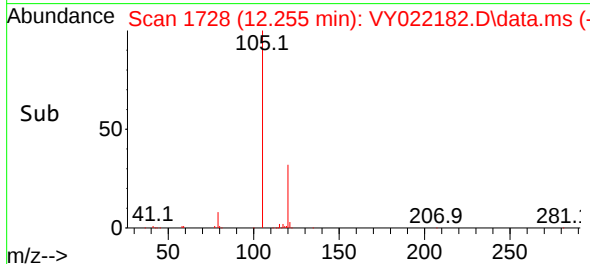
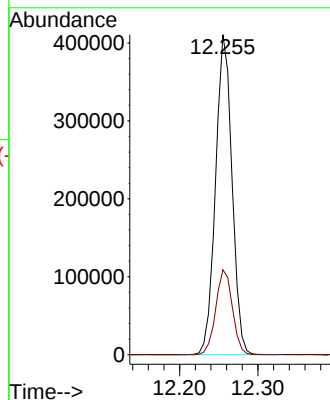
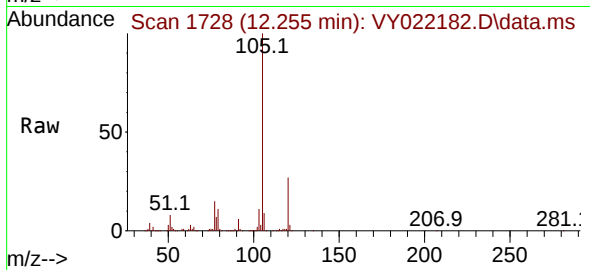
120 26.8 13.5 40.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/08/2025

Supervised By :Semsettin Yesilyurt 05/08/2025



#74

N-ethyl acetate

Concen: 50.619 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.006 min

Lab File: VY022182.D

Acq: 07 May 2025 09:05

Tgt Ion: 43 Resp: 97529

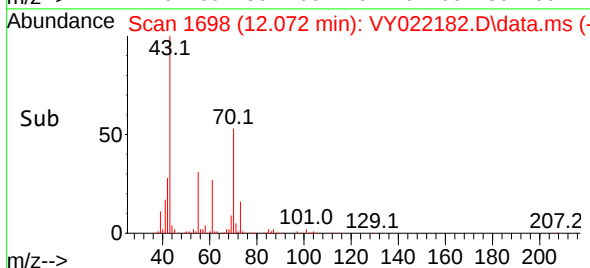
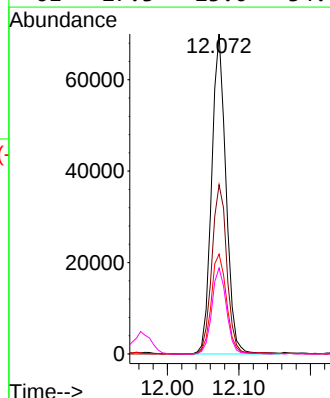
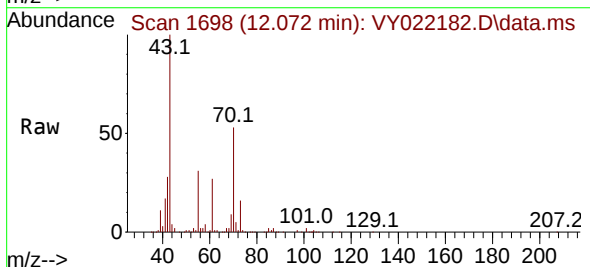
Ion Ratio Lower Upper

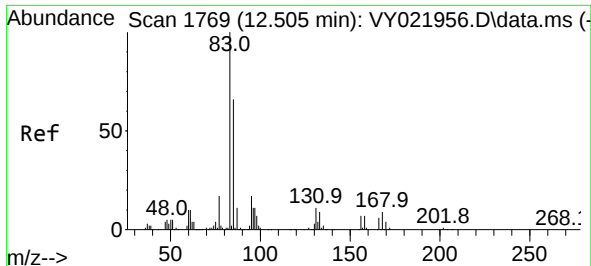
43 100

70 55.4 43.2 64.8

55 33.2 25.7 38.5

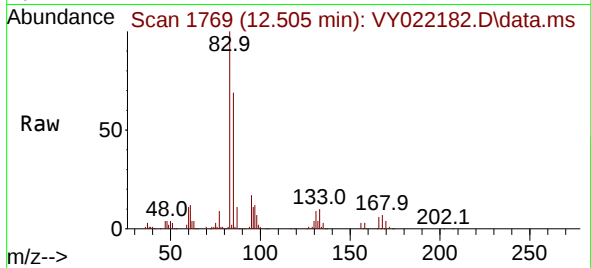
61 27.3 23.0 34.6





#75
1,1,2,2-Tetrachloroethane
Concen: 51.214 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY022182.D
Acq: 07 May 2025 09:05

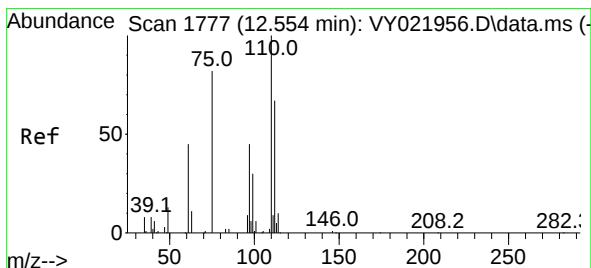
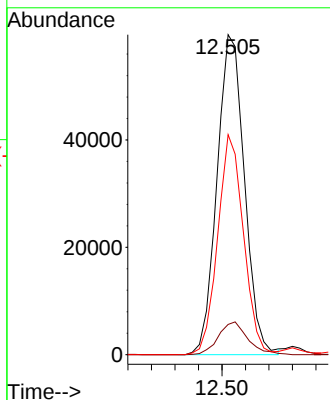
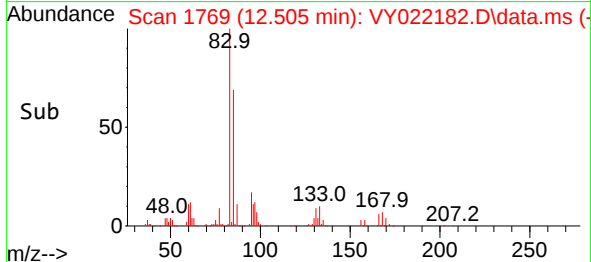
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



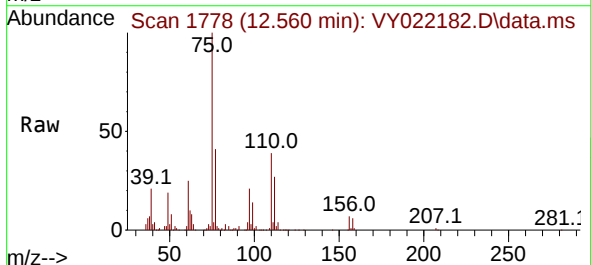
Tgt Ion: 83 Resp: 96830
Ion Ratio Lower Upper
83 100
131 11.0 5.5 16.4
85 64.5 32.3 96.8

Manual Integrations
APPROVED

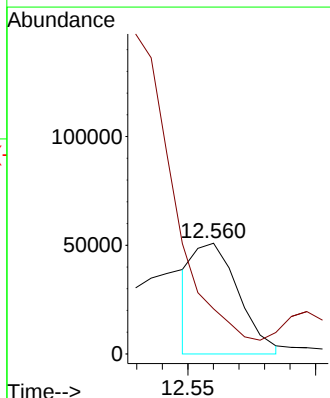
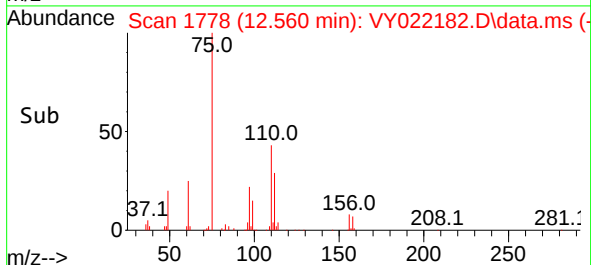
Reviewed By :Mahesh Dadoda 05/08/2025
Supervised By :Semsettin Yesilyurt 05/08/2025

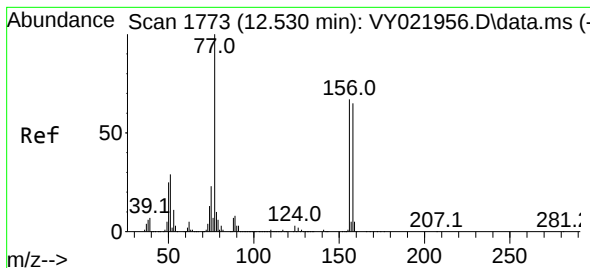


#76
1,2,3-Trichloropropane
Concen: 43.959 ug/l m
RT: 12.560 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VY022182.D
Acq: 07 May 2025 09:05



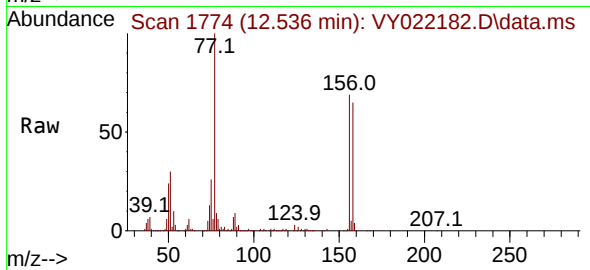
Tgt Ion: 75 Resp: 63201
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 51.760 ug/l
RT: 12.536 min Scan# 1773
Delta R.T. 0.006 min
Lab File: VY022182.D
Acq: 07 May 2025 09:05

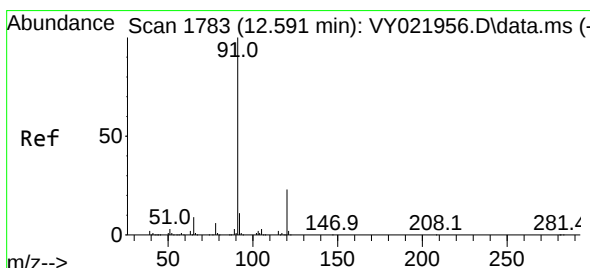
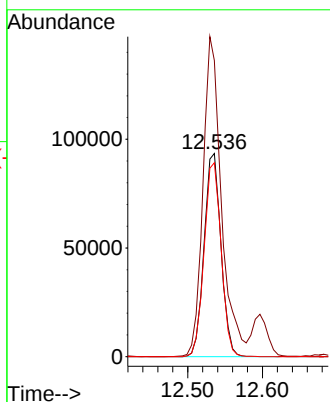
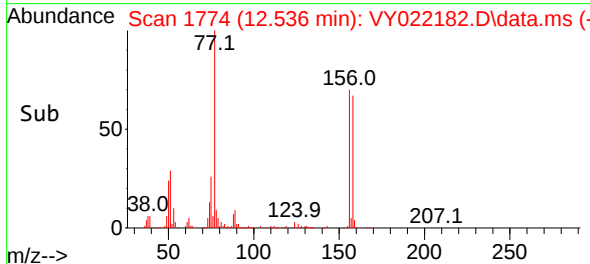
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



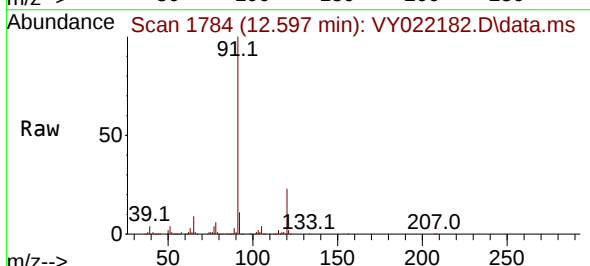
Tgt Ion:156 Resp: 146672
Ion Ratio Lower Upper
156 100
77 172.0 82.7 248.1
158 96.3 48.1 144.4

Manual Integrations
APPROVED

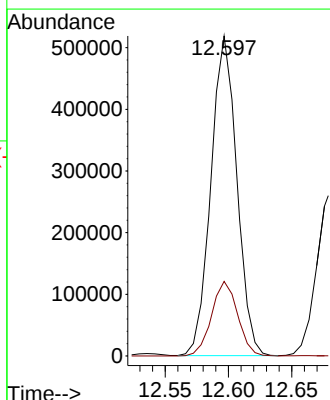
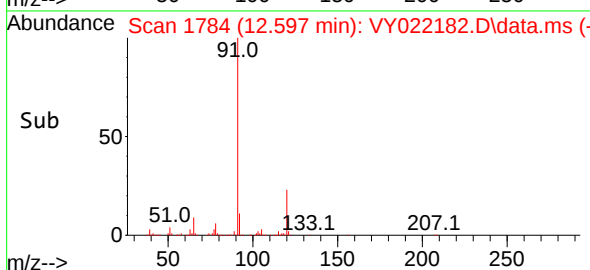
Reviewed By :Mahesh Dadoda 05/08/2025
Supervised By :Semsettin Yesilyurt 05/08/2025

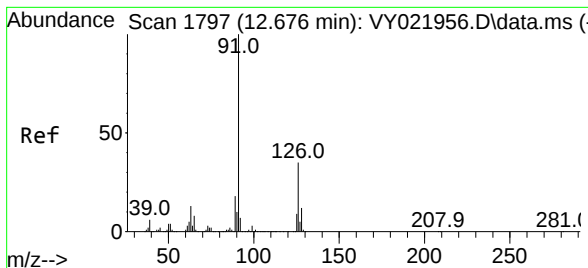


#78
n-propylbenzene
Concen: 55.376 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.006 min
Lab File: VY022182.D
Acq: 07 May 2025 09:05



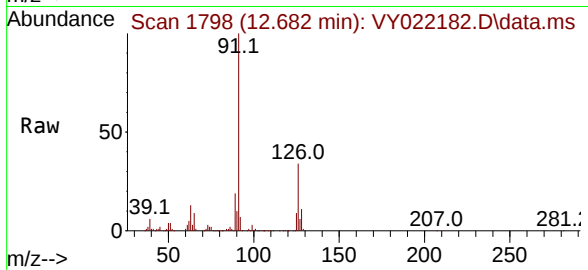
Tgt Ion: 91 Resp: 739542
Ion Ratio Lower Upper
91 100
120 23.4 11.9 35.5





#79
2-Chlorotoluene
Concen: 54.048 ug/l
RT: 12.682 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY022182.D
Acq: 07 May 2025 09:05

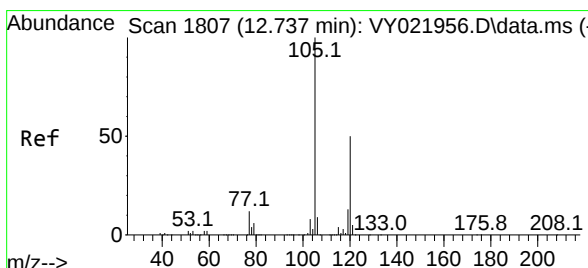
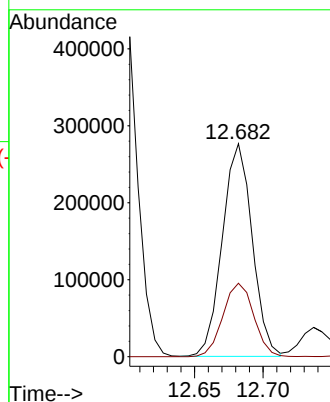
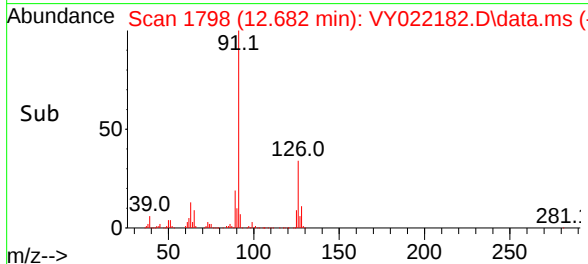
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 419774
Ion Ratio Lower Upper
91 100
126 35.6 17.9 53.8

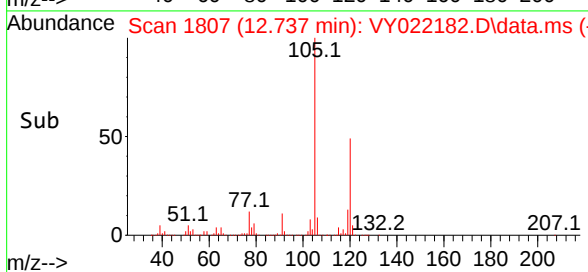
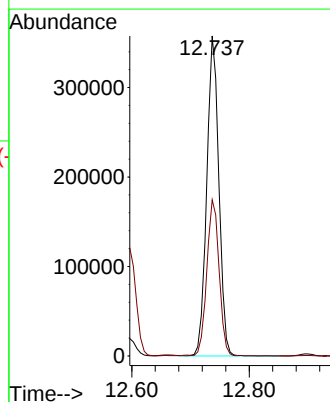
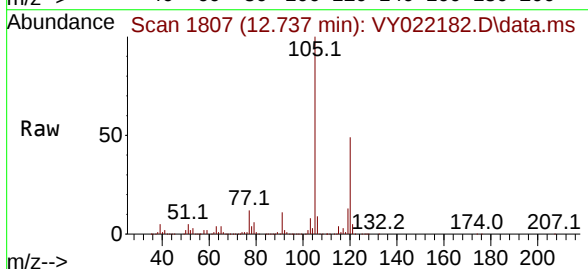
Manual Integrations
APPROVED

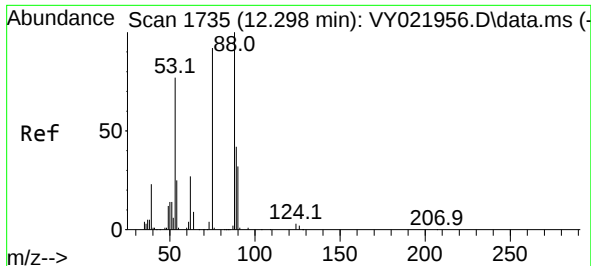
Reviewed By :Mahesh Dadoda 05/08/2025
Supervised By :Semsettin Yesilyurt 05/08/2025



#80
1,3,5-Trimethylbenzene
Concen: 55.316 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY022182.D
Acq: 07 May 2025 09:05

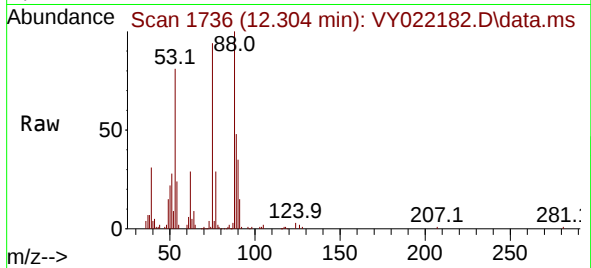
Tgt Ion:105 Resp: 511111
Ion Ratio Lower Upper
105 100
120 49.5 25.0 75.0





#81
trans-1,4-Dichloro-2-butene
Concen: 50.899 ug/l
RT: 12.304 min Scan# 1735
Delta R.T. 0.006 min
Lab File: VY022182.D
Acq: 07 May 2025 09:05

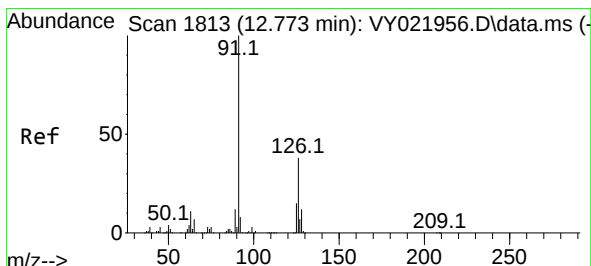
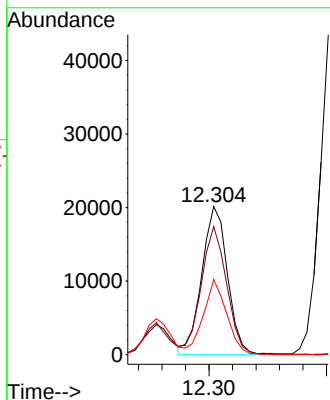
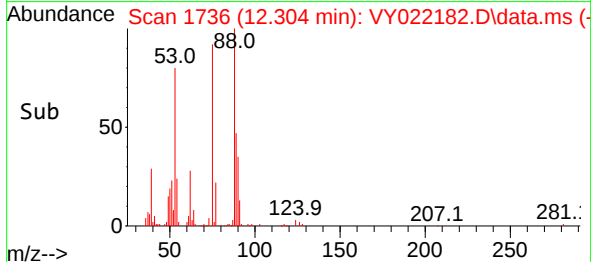
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 30388
Ion Ratio Lower Upper
75 100
53 87.8 66.0 99.0
89 46.3 37.2 55.8

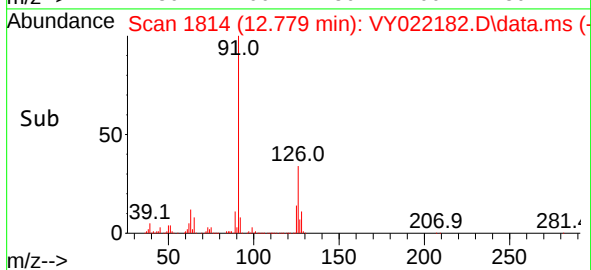
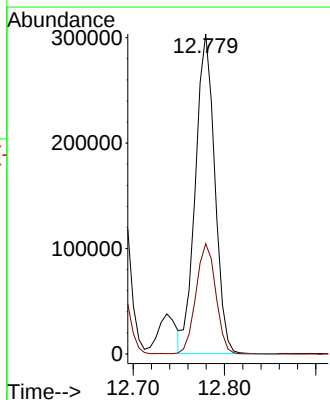
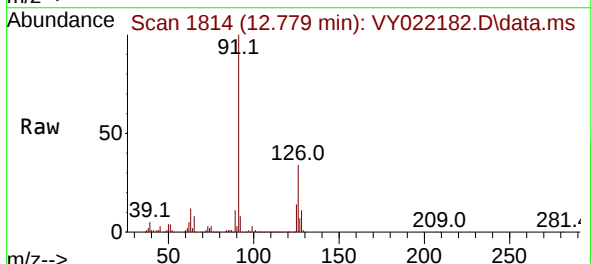
Manual Integrations
APPROVED

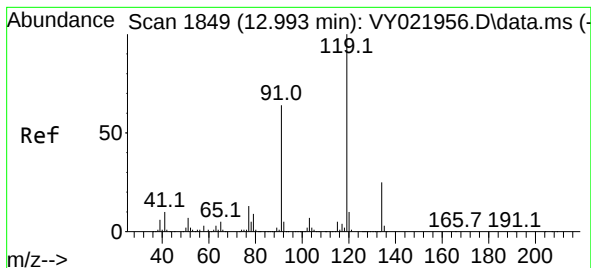
Reviewed By :Mahesh Dadoda 05/08/2025
Supervised By :Semsettin Yesilyurt 05/08/2025



#82
4-Chlorotoluene
Concen: 55.259 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY022182.D
Acq: 07 May 2025 09:05

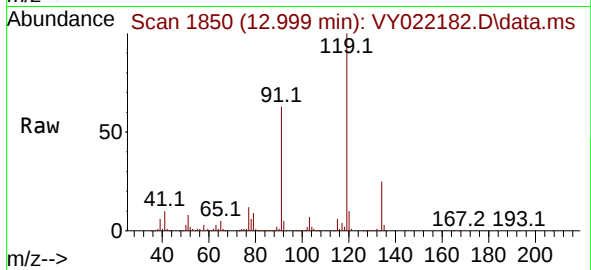
Tgt Ion: 91 Resp: 446140
Ion Ratio Lower Upper
91 100
126 35.4 17.9 53.8





#83
tert-Butylbenzene
Concen: 53.235 ug/l
RT: 12.999 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VY022182.D
Acq: 07 May 2025 09:05

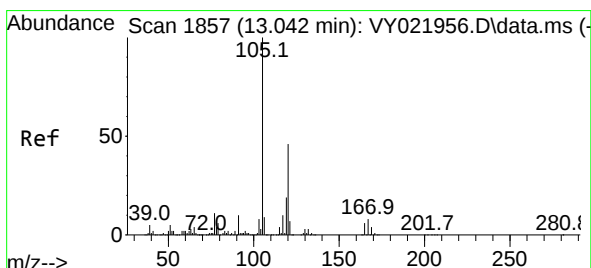
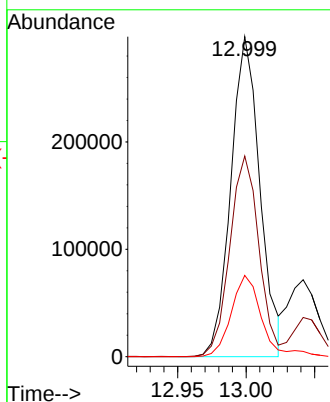
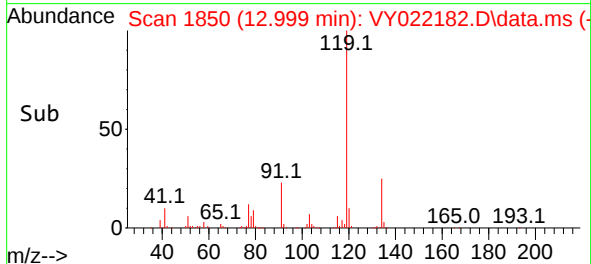
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



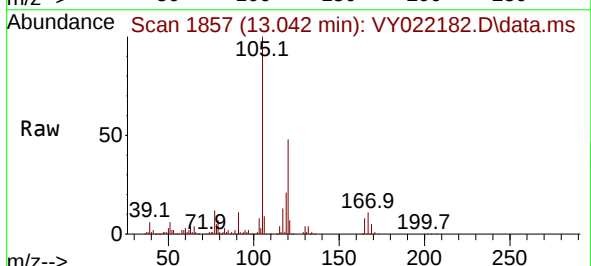
Tgt Ion:119 Resp: 441149
Ion Ratio Lower Upper
119 100
91 62.4 30.3 90.9
134 26.6 12.9 38.7

Manual Integrations
APPROVED

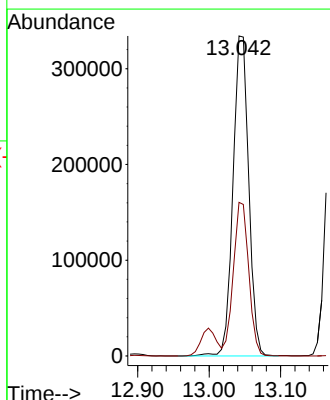
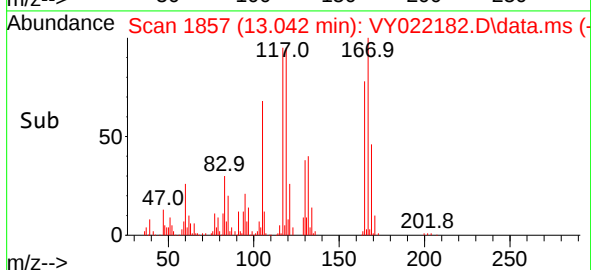
Reviewed By :Mahesh Dadoda 05/08/2025
Supervised By :Semsettin Yesilyurt 05/08/2025

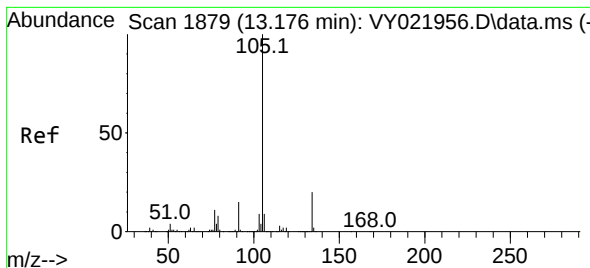


#84
1,2,4-Trimethylbenzene
Concen: 55.096 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. -0.000 min
Lab File: VY022182.D
Acq: 07 May 2025 09:05



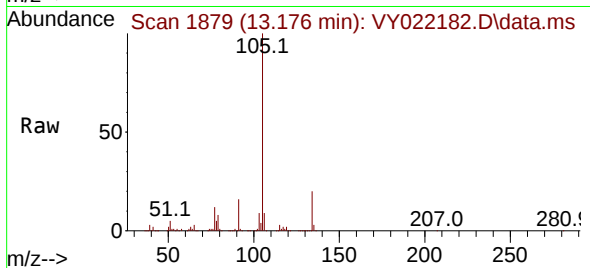
Tgt Ion:105 Resp: 509199
Ion Ratio Lower Upper
105 100
120 47.2 23.4 70.0





#85
 sec-Butylbenzene
 Concen: 54.539 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. -0.000 min
 Lab File: VY022182.D
 Acq: 07 May 2025 09:05

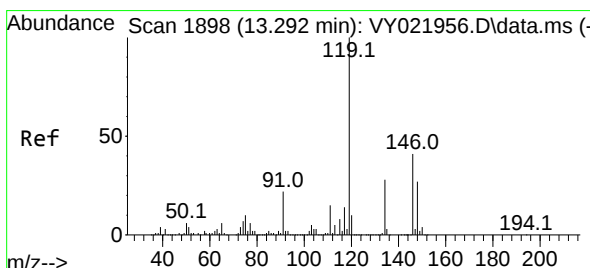
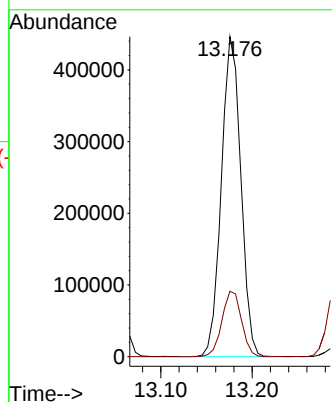
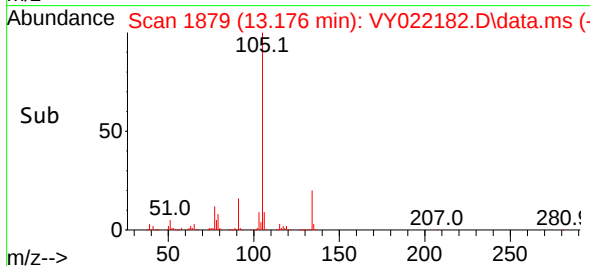
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



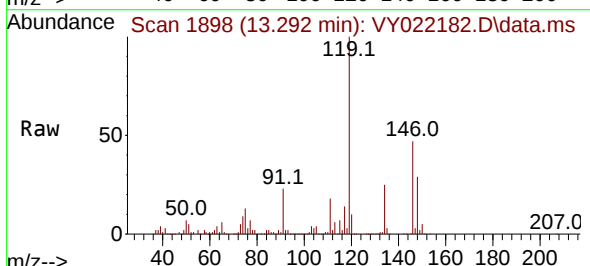
Tgt Ion:105 Resp: 661345
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.3 30.9

Manual Integrations
 APPROVED

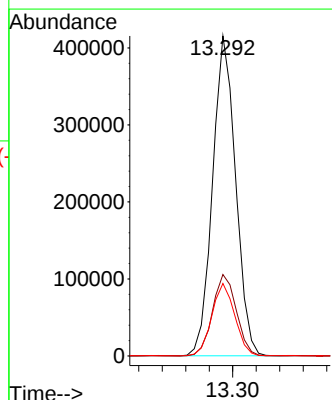
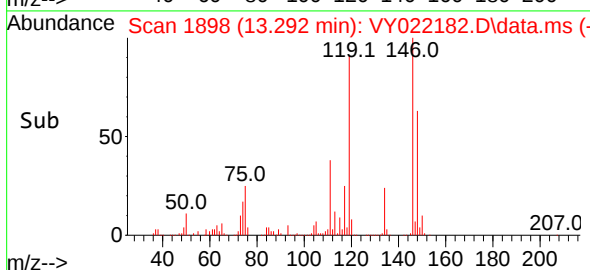
Reviewed By :Mahesh Dadoda 05/08/2025
 Supervised By :Semsettin Yesilyurt 05/08/2025

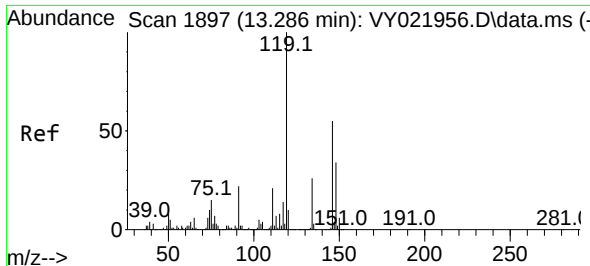


#86
 p-Isopropyltoluene
 Concen: 54.982 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. -0.000 min
 Lab File: VY022182.D
 Acq: 07 May 2025 09:05



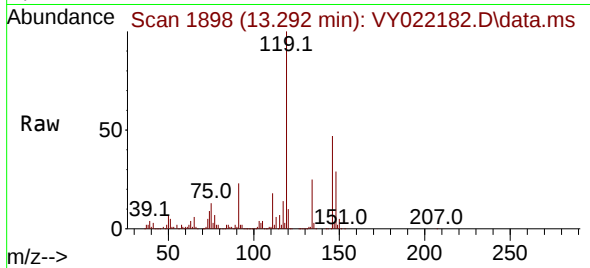
Tgt Ion:119 Resp: 566145
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.6 40.7
 91 22.6 11.0 33.0





#87
1,3-Dichlorobenzene
Concen: 52.729 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. 0.006 min
Lab File: VY022182.D
Acq: 07 May 2025 09:05

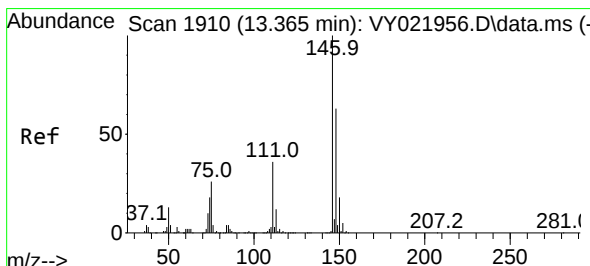
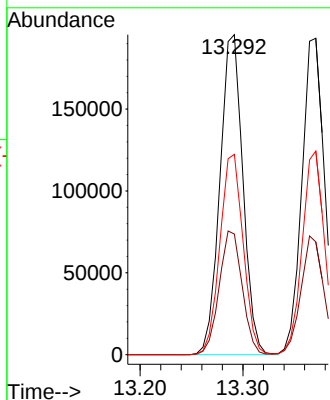
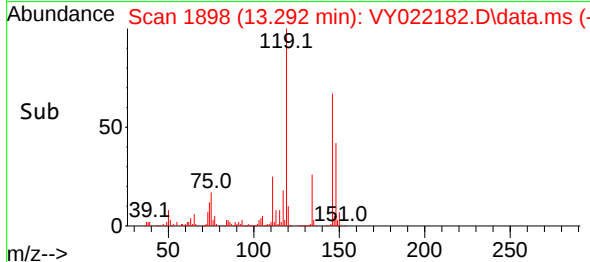
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 303472
Ion Ratio Lower Upper
146 100
111 38.7 19.1 57.5
148 63.5 32.0 96.2

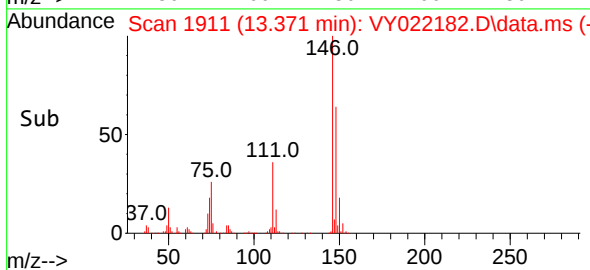
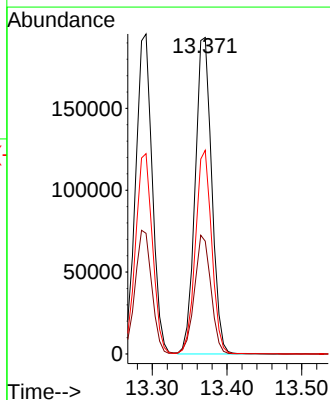
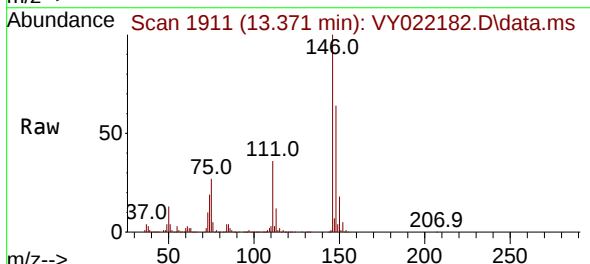
Manual Integrations
APPROVED

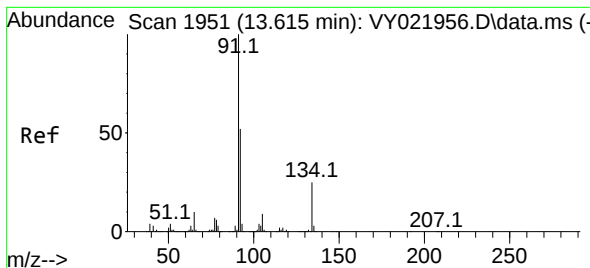
Reviewed By :Mahesh Dadoda 05/08/2025
Supervised By :Semsettin Yesilyurt 05/08/2025



#88
1,4-Dichlorobenzene
Concen: 52.086 ug/l
RT: 13.371 min Scan# 1911
Delta R.T. 0.006 min
Lab File: VY022182.D
Acq: 07 May 2025 09:05

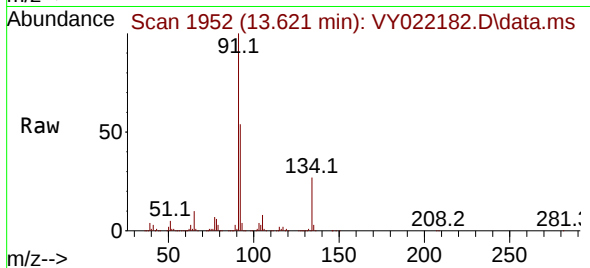
Tgt Ion:146 Resp: 296890
Ion Ratio Lower Upper
146 100
111 37.4 19.2 57.6
148 63.1 32.0 96.0





#89
n-Butylbenzene
Concen: 54.812 ug/l
RT: 13.621 min Scan# 1952
Delta R.T. 0.006 min
Lab File: VY022182.D
Acq: 07 May 2025 09:05

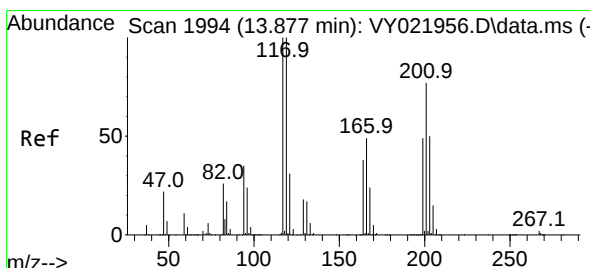
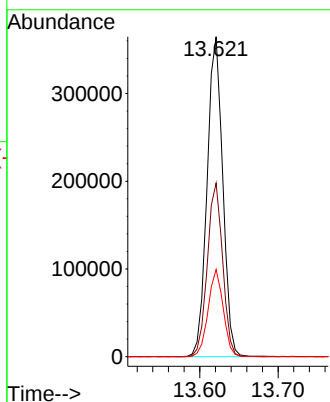
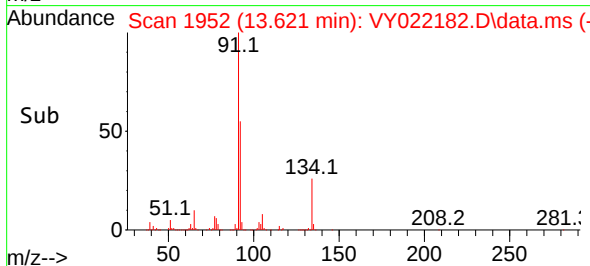
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 50447
Ion Ratio Lower Upper
91 100
92 53.1 26.5 79.5
134 26.4 13.4 40.1

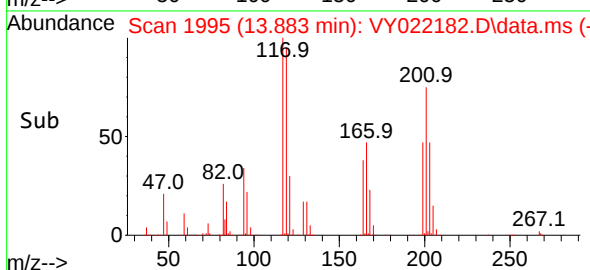
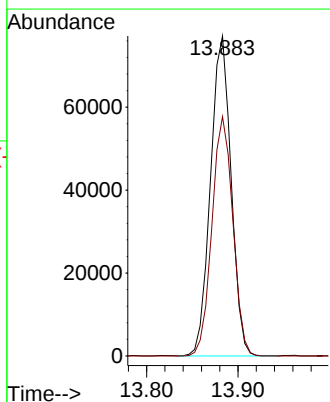
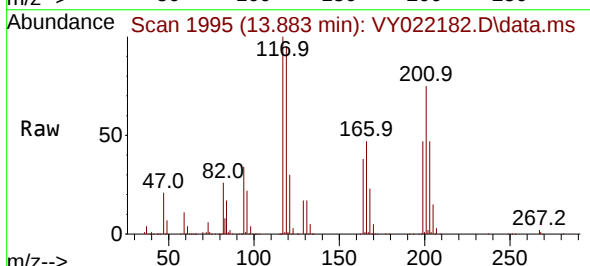
Manual Integrations
APPROVED

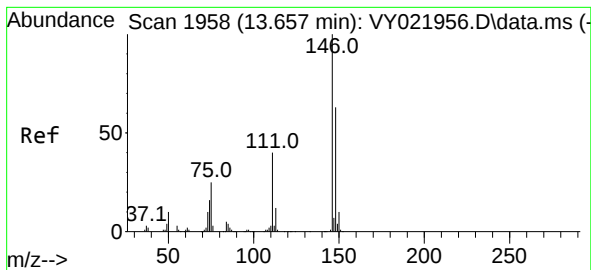
Reviewed By :Mahesh Dadoda 05/08/2025
Supervised By :Semsettin Yesilyurt 05/08/2025



#90
Hexachloroethane
Concen: 53.376 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. 0.006 min
Lab File: VY022182.D
Acq: 07 May 2025 09:05

Tgt Ion:117 Resp: 120755
Ion Ratio Lower Upper
117 100
201 75.8 38.7 116.1





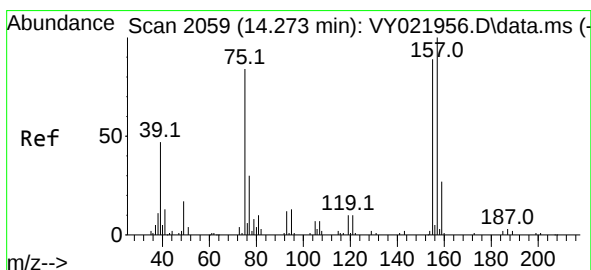
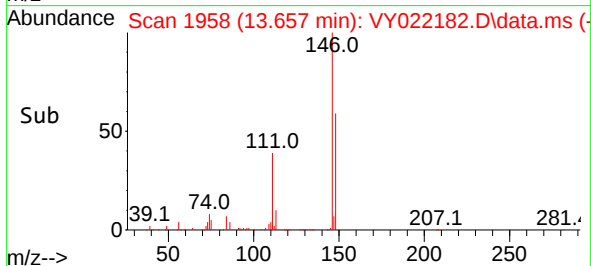
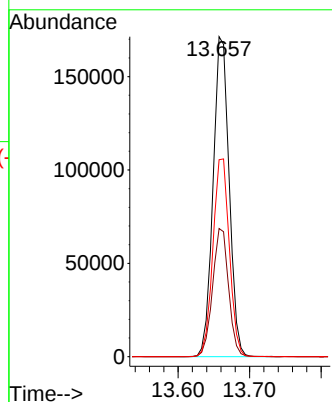
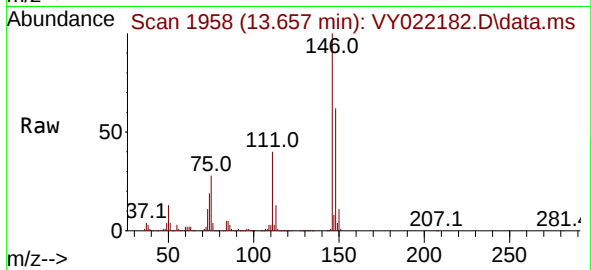
#91
1,2-Dichlorobenzene
Concen: 53.150 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. -0.000 min
Lab File: VY022182.D
Acq: 07 May 2025 09:05

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 266800
Ion Ratio Lower Upper
146 100
111 40.0 19.7 59.1
148 63.4 32.1 96.3

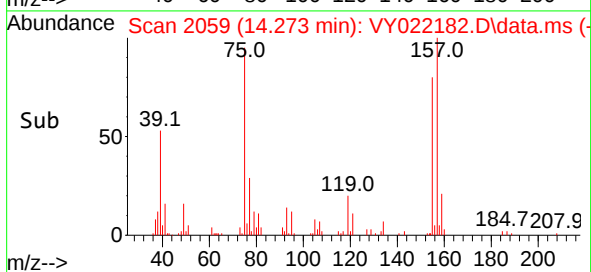
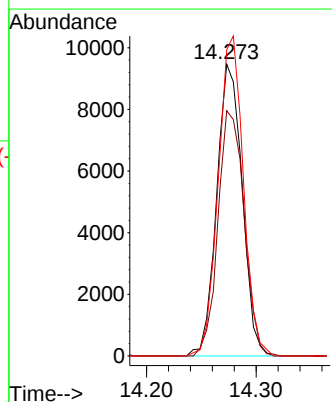
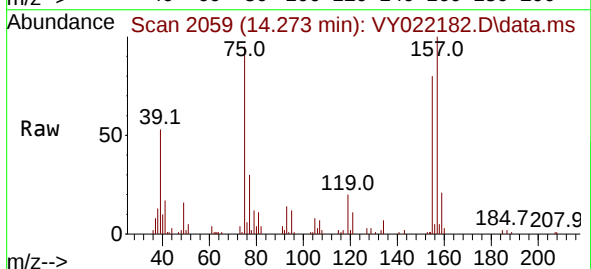
Manual Integrations
APPROVED

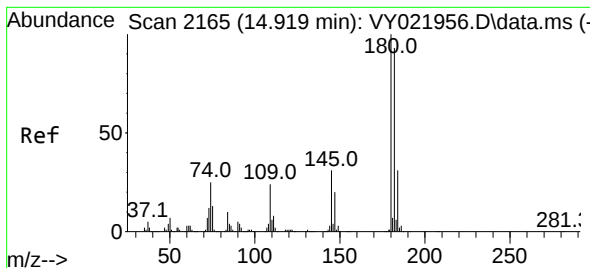
Reviewed By :Mahesh Dadoda 05/08/2025
Supervised By :Semsettin Yesilyurt 05/08/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 50.837 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.000 min
Lab File: VY022182.D
Acq: 07 May 2025 09:05

Tgt Ion: 75 Resp: 15292
Ion Ratio Lower Upper
75 100
155 85.8 50.7 152.3
157 107.8 62.6 187.8





#93

1,2,4-Trichlorobenzene

Concen: 51.094 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY022182.D

Acq: 07 May 2025 09:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

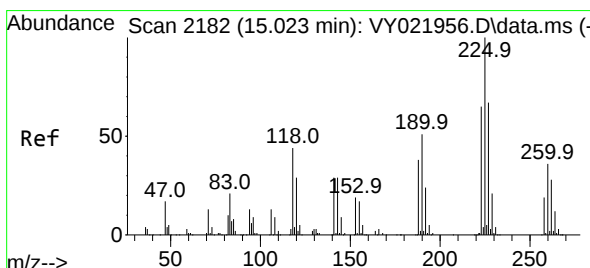
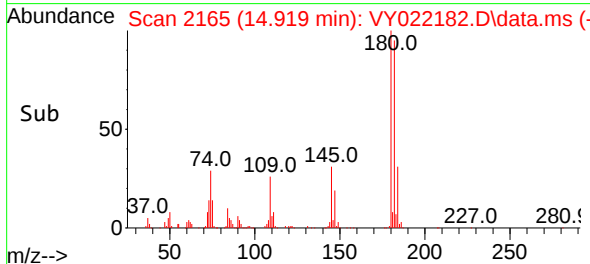
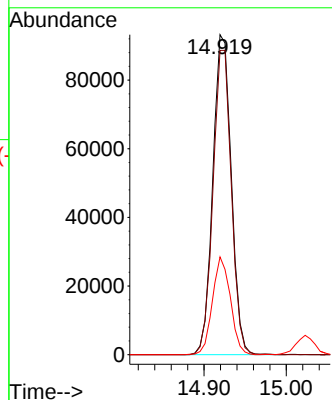
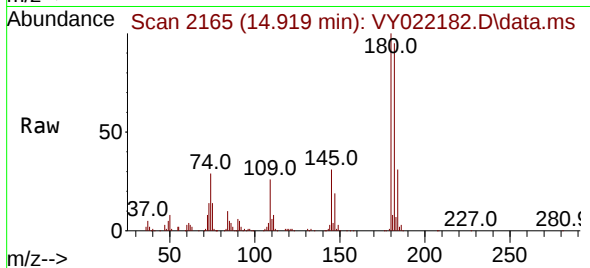
Tgt Ion:180 Resp: 145340

Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.1	141.4
145	29.7	15.0	45.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/08/2025
Supervised By :Semsettin Yesilyurt 05/08/2025



#94

Hexachlorobutadiene

Concen: 51.028 ug/l

RT: 15.023 min Scan# 2182

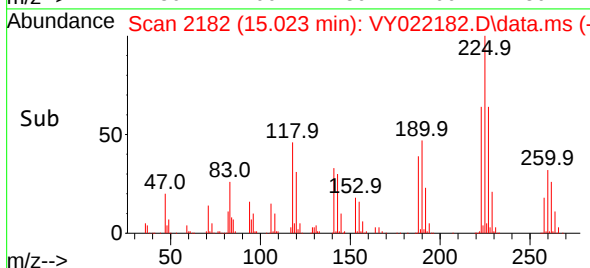
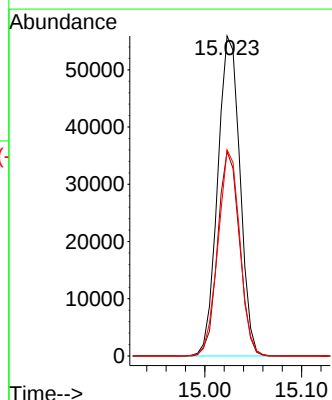
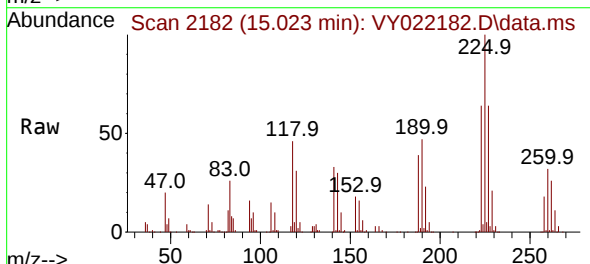
Delta R.T. -0.000 min

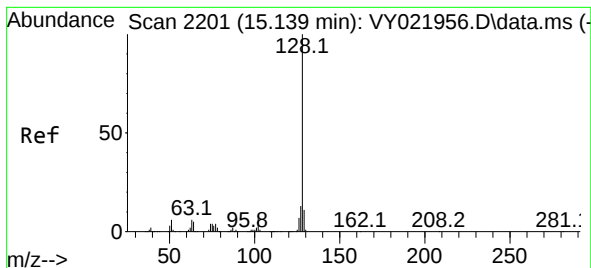
Lab File: VY022182.D

Acq: 07 May 2025 09:05

Tgt Ion:225 Resp: 89306

Ion	Ratio	Lower	Upper
225	100		
223	62.4	31.9	95.5
227	63.0	32.3	96.9





#95

Naphthalene

Concen: 49.112 ug/l

RT: 15.145 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY022182.D

Acq: 07 May 2025 09:05

Instrument :

MSVOA_Y

ClientSampleId :

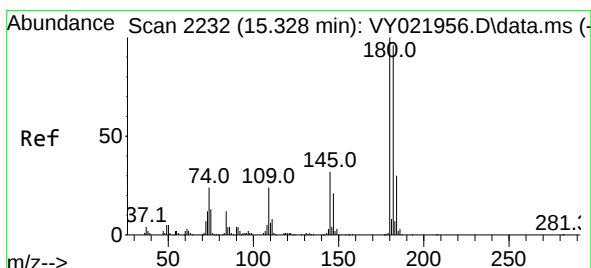
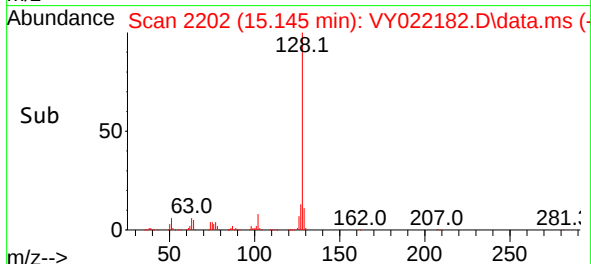
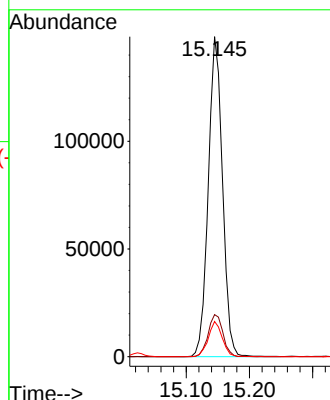
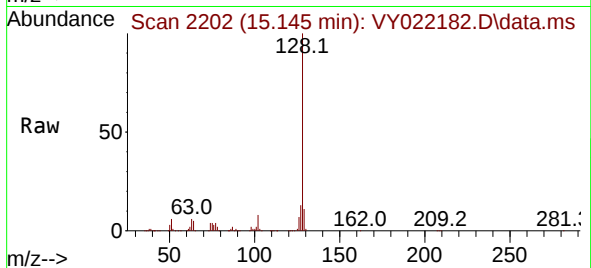
VSTDCCC050

Tgt Ion:128	Resp: 23206
Ion Ratio	Lower Upper
128 100	
127 13.7	10.6 16.0
129 10.8	8.9 13.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/08/2025
Supervised By :Semsettin Yesilyurt 05/08/2025



#96

1,2,3-Trichlorobenzene

Concen: 50.832 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY022182.D

Acq: 07 May 2025 09:05

Tgt Ion:180	Resp: 124814
Ion Ratio	Lower Upper
180 100	
182 96.3	48.1 144.4
145 31.9	16.0 48.0

