

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040425\
 Data File : VY021776.D
 Acq On : 04 Apr 2025 09:22
 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 04/07/2025
 Supervised By :Semsettin Yesilyurt 04/07/2025

Quant Time: Apr 04 23:38:07 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	228718	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	342799	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	308777	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	160179	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	121896	49.189	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 98.380%			
35) Dibromofluoromethane	7.634	113	115525	51.952	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.900%			
50) Toluene-d8	10.109	98	446617	52.794	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 105.580%			
62) 4-Bromofluorobenzene	12.408	95	151449	52.928	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 105.860%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.867	85	105148	44.355	ug/l	99
3) Chloromethane	2.068	50	145939	43.781	ug/l	100
4) Vinyl Chloride	2.202	62	165639	43.939	ug/l	99
5) Bromomethane	2.598	94	110489	42.973	ug/l	94
6) Chloroethane	2.733	64	108599	44.025	ug/l	98
7) Trichlorofluoromethane	3.056	101	219380	45.429	ug/l	99
8) Diethyl Ether	3.452	74	57638	43.889	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.812	101	117758	46.234	ug/l	98
10) Methyl Iodide	4.001	142	132756	47.511	ug/l	100
11) Tert butyl alcohol	4.866	59	31915	198.281	ug/l	98
12) 1,1-Dichloroethene	3.787	96	109939	45.826	ug/l	97
13) Acrolein	3.653	56	31766	108.084	ug/l	98
14) Allyl chloride	4.385	41	174528	45.628	ug/l	100
15) Acrylonitrile	5.055	53	120986	220.642	ug/l	99
16) Acetone	3.873	43	104133	205.322	ug/l	98
17) Carbon Disulfide	4.104	76	354255	44.833	ug/l	99
18) Methyl Acetate	4.385	43	59191	47.090	ug/l	97
19) Methyl tert-butyl Ether	5.110	73	275214	46.078	ug/l	99
20) Methylene Chloride	4.610	84	118494	47.558	ug/l	97
21) trans-1,2-Dichloroethene	5.110	96	122071	46.214	ug/l	97
22) Diisopropyl ether	6.012	45	384515	47.921	ug/l	95
23) Vinyl Acetate	5.958	43	1073117	228.612	ug/l	99
24) 1,1-Dichloroethane	5.915	63	222969	46.472	ug/l	99
25) 2-Butanone	6.890	43	155279	214.357	ug/l	98
26) 2,2-Dichloropropane	6.884	77	199917	46.842	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	139352	46.913	ug/l	99
28) Bromochloromethane	7.244	49	98842	48.848	ug/l	98
29) Tetrahydrofuran	7.262	42	103430	221.852	ug/l	98
30) Chloroform	7.421	83	231492	46.388	ug/l	94
31) Cyclohexane	7.701	56	196299	44.882	ug/l	95
32) 1,1,1-Trichloroethane	7.616	97	209951	46.549	ug/l	99
36) 1,1-Dichloropropene	7.835	75	169689	50.100	ug/l	99
37) Ethyl Acetate	6.982	43	71529	44.748	ug/l	98
38) Carbon Tetrachloride	7.817	117	192102	49.520	ug/l	98
39) Methylcyclohexane	9.110	83	204403	50.518	ug/l	97
40) Benzene	8.079	78	499841	49.278	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	36866	43.428	ug/l #	100
42) 1,2-Dichloroethane	8.158	62	137468	48.074	ug/l	100
43) Isopropyl Acetate	8.195	43	140563	46.402	ug/l	99
44) Trichloroethene	8.866	130	128424	49.692	ug/l	99
45) 1,2-Dichloropropane	9.140	63	118428	49.325	ug/l	98
46) Dibromomethane	9.231	93	66580	48.116	ug/l	97
47) Bromodichloromethane	9.420	83	175976	49.080	ug/l	97
48) Methyl methacrylate	9.219	41	67680	48.681	ug/l	98
49) 1,4-Dioxane	9.231	88	13592	916.931	ug/l	98
51) 4-Methyl-2-Pentanone	10.000	43	380500	241.372	ug/l	99
52) Toluene	10.170	92	321091	50.737	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	156628	49.181	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	184020	48.979	ug/l	99
55) 1,1,2-Trichloroethane	10.573	97	86585	48.624	ug/l	99
56) Ethyl methacrylate	10.439	69	116496	51.235	ug/l	97
57) 1,3-Dichloropropane	10.719	76	151785	49.355	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	293090	264.232	ug/l	100
59) 2-Hexanone	10.762	43	255713	243.569	ug/l	100
60) Dibromochloromethane	10.914	129	123226	50.684	ug/l	100
61) 1,2-Dibromoethane	11.018	107	82662	49.485	ug/l	99
64) Tetrachloroethene	10.646	164	139676	49.667	ug/l	99
65) Chlorobenzene	11.444	112	343523	48.533	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.518	131	124267	49.482	ug/l	99
67) Ethyl Benzene	11.518	91	615700	50.727	ug/l	99
68) m/p-Xylenes	11.627	106	470149	101.155	ug/l	100
69) o-Xylene	11.957	106	217467	50.688	ug/l	99
70) Styrene	11.969	104	371495	51.933	ug/l	99
71) Bromoform	12.133	173	70273	49.056	ug/l #	99
73) Isopropylbenzene	12.255	105	584770	49.152	ug/l	100
74) N-amyl acetate	12.072	43	128883	46.159	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	94598	44.226	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	76890m	48.426	ug/l	
77) Bromobenzene	12.536	156	135583	47.465	ug/l	98
78) n-propylbenzene	12.597	91	712013	49.780	ug/l	100
79) 2-Chlorotoluene	12.682	91	403179	48.532	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	480341	49.401	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	30582	44.380	ug/l	95
82) 4-Chlorotoluene	12.780	91	420225	48.519	ug/l	100
83) tert-Butylbenzene	12.999	119	422284	48.759	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	480654	50.015	ug/l	100
85) sec-Butylbenzene	13.176	105	628096	49.626	ug/l	100
86) p-Isopropyltoluene	13.292	119	527940	50.469	ug/l	100
87) 1,3-Dichlorobenzene	13.292	146	269775	47.936	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	264990	47.658	ug/l	99
89) n-Butylbenzene	13.621	91	487055	50.346	ug/l	100
90) Hexachloroethane	13.883	117	110054	48.010	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	236937	48.364	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	14822	44.709	ug/l	99
93) 1,2,4-Trichlorobenzene	14.919	180	131155	49.367	ug/l	99
94) Hexachlorobutadiene	15.023	225	80970	48.800	ug/l	99
95) Naphthalene	15.145	128	214835	48.786	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	112664	49.730	ug/l	100

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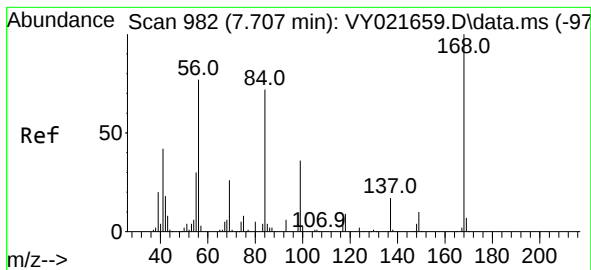
Manual Integrations
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Quant Time: Apr 04 23:38:07 2025
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Quant Title : SW846 8260
QLast Update : Fri Mar 28 02:30:29 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.707 min Scan# 982

Delta R.T. 0.000 min

Lab File: VY021776.D

Acq: 04 Apr 2025 09:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:168 Resp: 228718

Ion Ratio Lower Upper

168 100

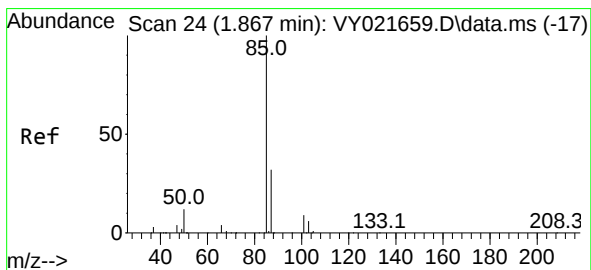
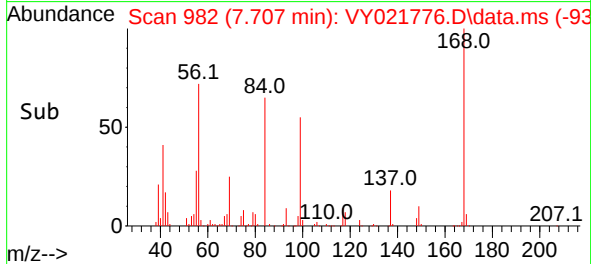
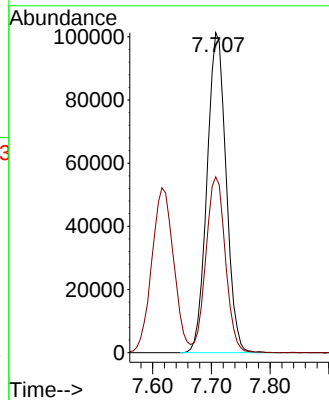
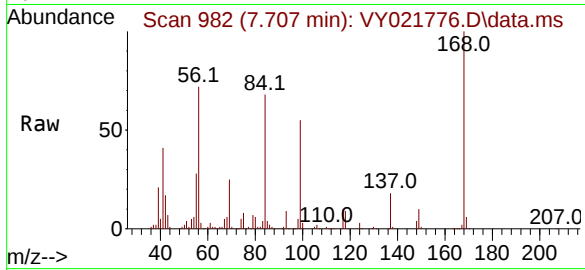
99 55.0 46.7 70.1

Manual Integrations

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Reviewed By :Mahesh Dadoda 04/07/2025

Supervised By :Semsettin Yesilyurt 04/07/2025



#2

Dichlorodifluoromethane

Concen: 44.355 ug/l

RT: 1.867 min Scan# 24

Delta R.T. 0.000 min

Lab File: VY021776.D

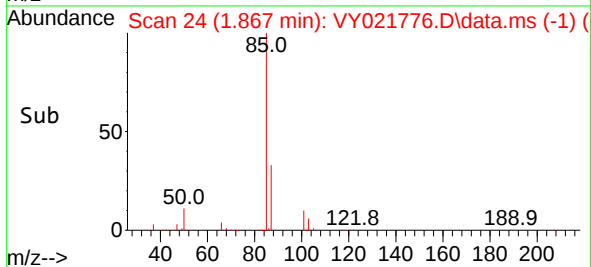
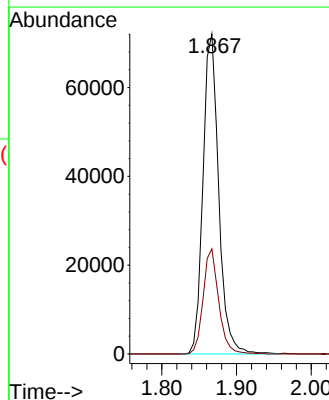
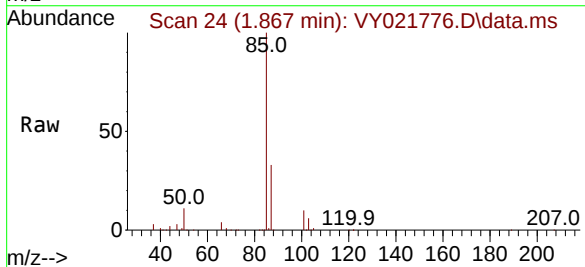
Acq: 04 Apr 2025 09:22

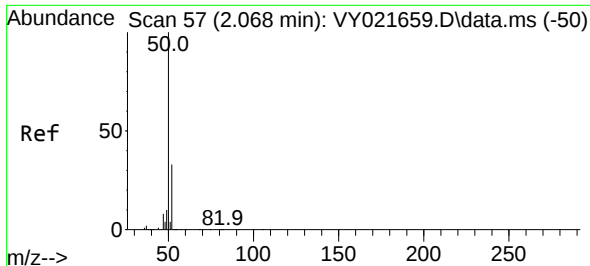
Tgt Ion: 85 Resp: 105148

Ion Ratio Lower Upper

85 100

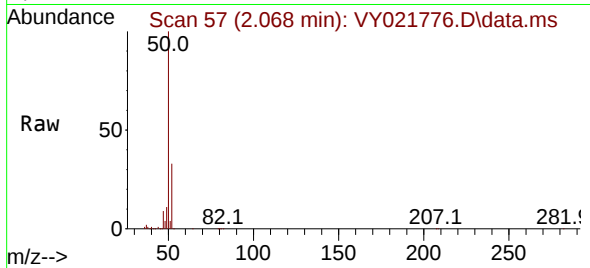
87 32.9 16.2 48.6





#3
Chloromethane
Concen: 43.781 ug/l
RT: 2.068 min Scan# 57
Delta R.T. 0.000 min
Lab File: VY021776.D
Acq: 04 Apr 2025 09:22

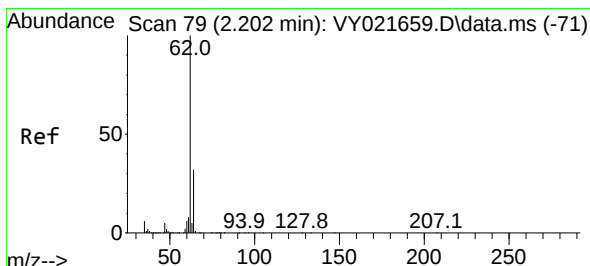
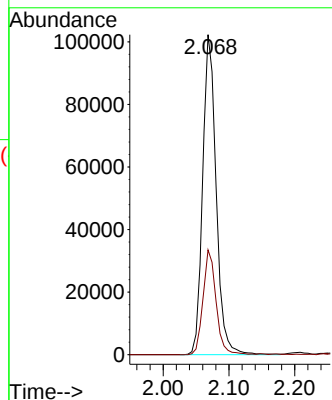
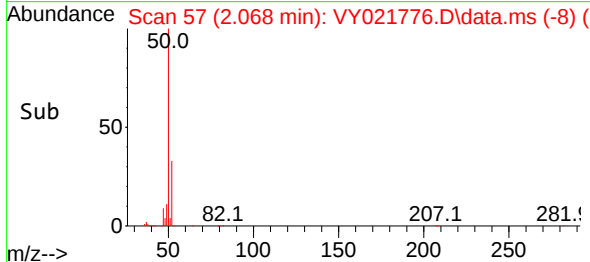
Instrument :
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ClientSampleId :
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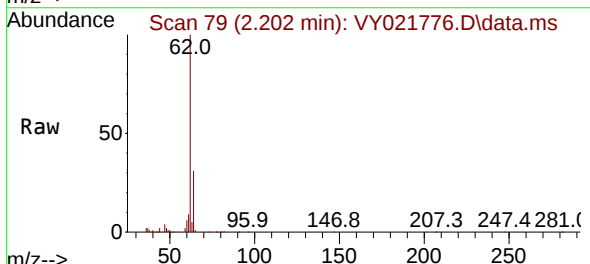
Tgt Ion: 50 Resp: 145939
Ion Ratio Lower Upper
50 100
52 32.7 26.3 39.5

Manual Integrations
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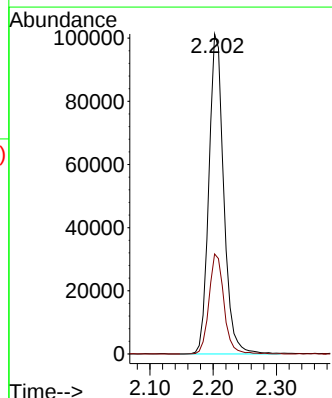
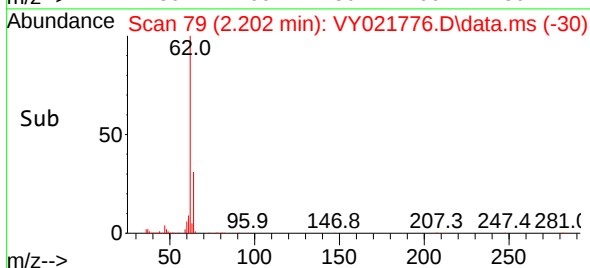
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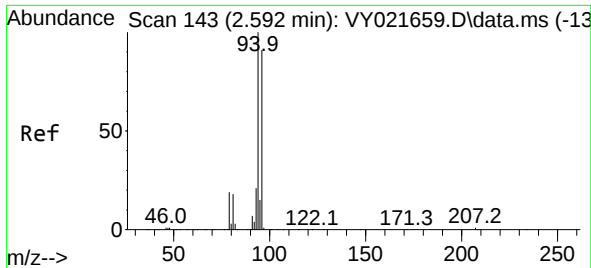


#4
Vinyl Chloride
Concen: 43.939 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY021776.D
Acq: 04 Apr 2025 09:22



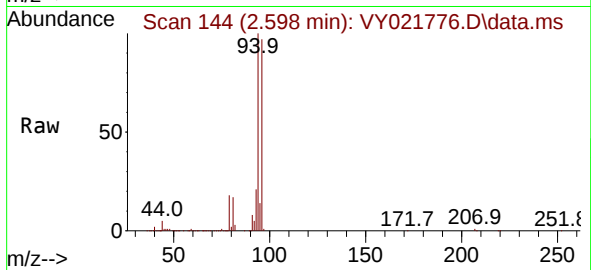
Tgt Ion: 62 Resp: 165639
Ion Ratio Lower Upper
62 100
64 31.2 25.5 38.3





#5
Bromomethane
Concen: 42.973 ug/l
RT: 2.598 min Scan# 143
Delta R.T. 0.006 min
Lab File: VY021776.D
Acq: 04 Apr 2025 09:22

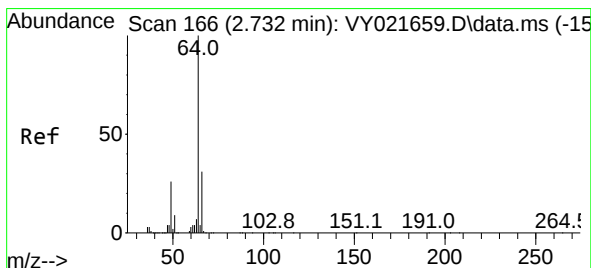
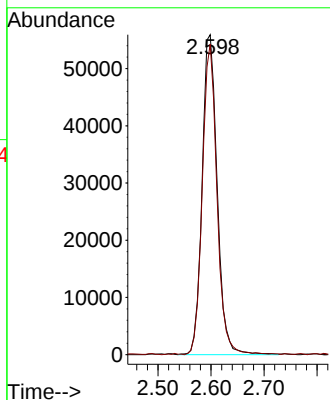
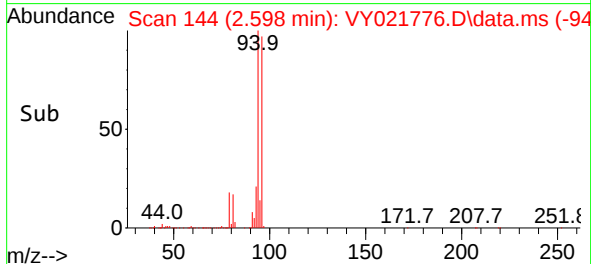
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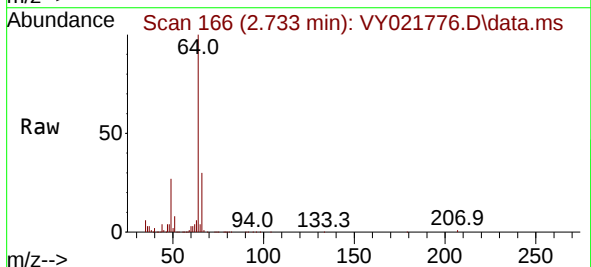
Tgt Ion: 94 Resp: 110489
Ion Ratio Lower Upper
94 100
96 97.0 72.8 109.2

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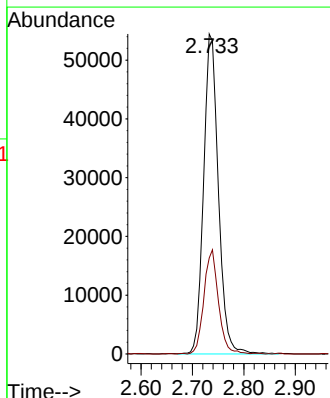
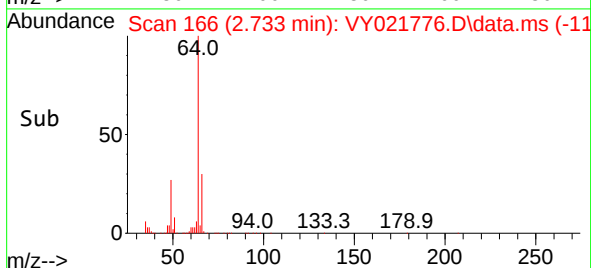
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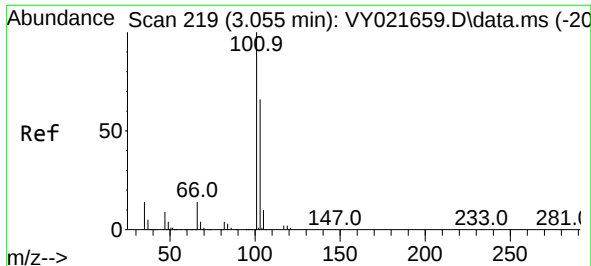


#6
Chloroethane
Concen: 44.025 ug/l
RT: 2.733 min Scan# 166
Delta R.T. 0.000 min
Lab File: VY021776.D
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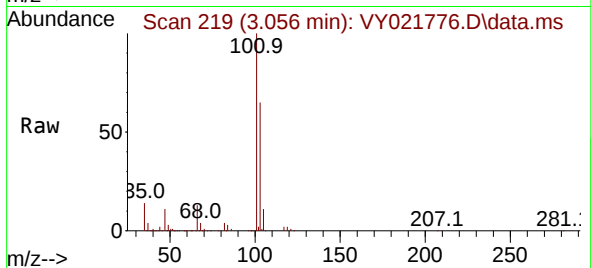
Tgt Ion: 64 Resp: 108599
Ion Ratio Lower Upper
64 100
66 29.9 24.9 37.3





#7
 Trichlorofluoromethane
 Concen: 45.429 ug/l
 RT: 3.056 min Scan# 219
 Delta R.T. 0.000 min
 Lab File: VY021776.D
 Acq: 04 Apr 2025 09:22

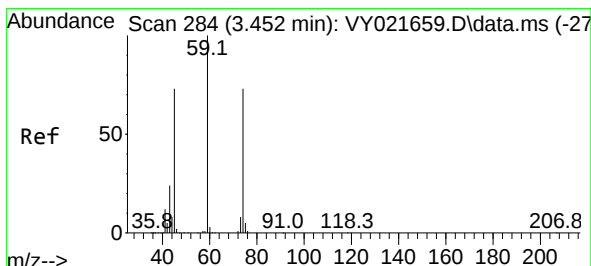
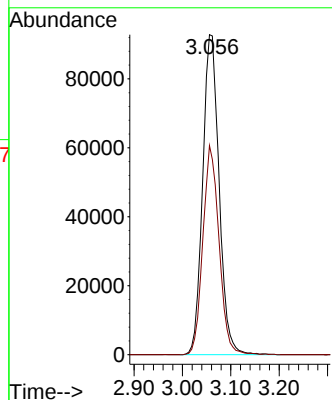
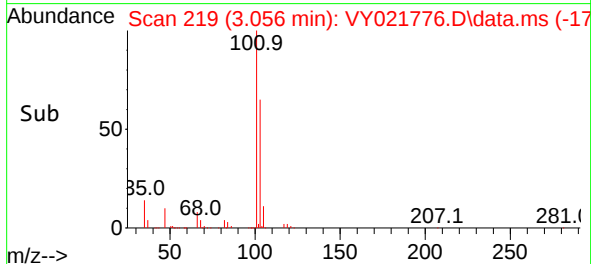
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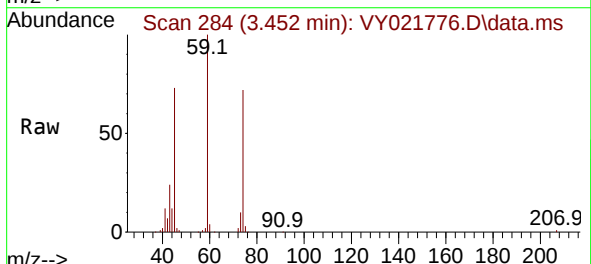
Tgt Ion:101 Resp: 219380
 Ion Ratio Lower Upper
 101 100
 103 65.4 53.1 79.7

Manual Integrations
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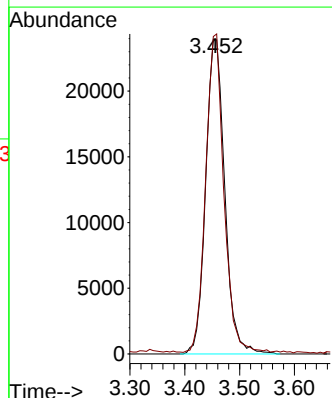
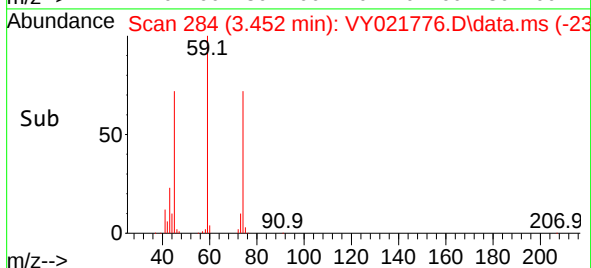
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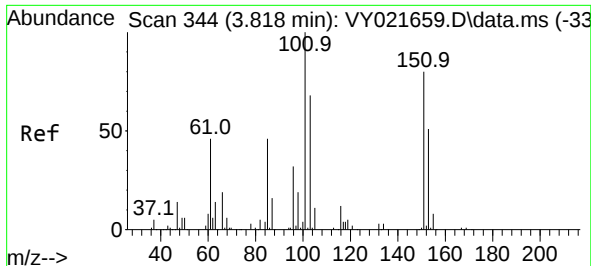


#8
 Diethyl Ether
 Concen: 43.889 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. 0.000 min
 Lab File: VY021776.D
 Acq: 04 Apr 2025 09:22



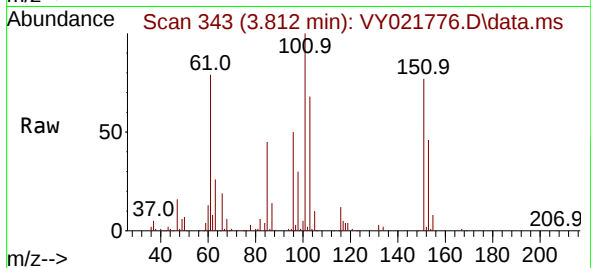
Tgt Ion: 74 Resp: 57638
 Ion Ratio Lower Upper
 74 100
 45 96.7 48.6 145.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.234 ug/l
RT: 3.812 min Scan# 344
Delta R.T. -0.006 min
Lab File: VY021776.D
Acq: 04 Apr 2025 09:22

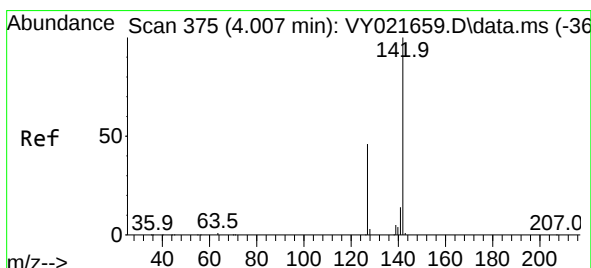
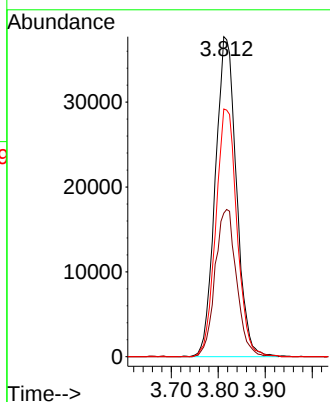
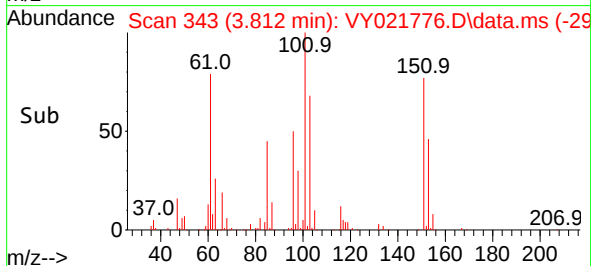
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



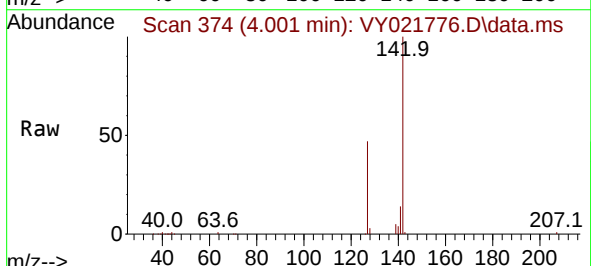
Tgt Ion:101 Resp: 117756
Ion Ratio Lower Upper
101 100
85 46.8 36.3 54.5
151 77.8 61.3 91.9

Manual Integrations
APPROVED

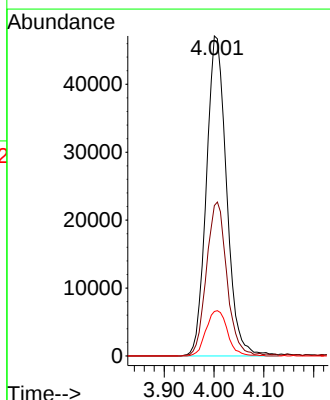
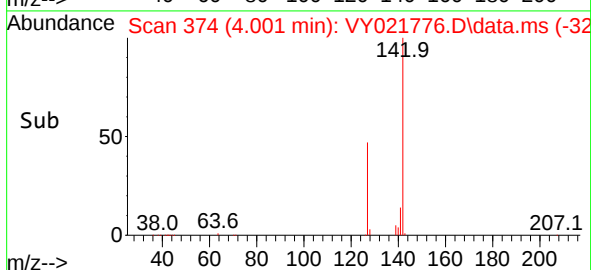
Reviewed By :Mahesh Dadoda 04/07/2025
Supervised By :Semsettin Yesilyurt 04/07/2025

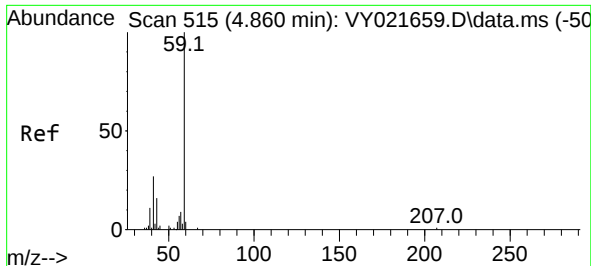


#10
Methyl Iodide
Concen: 47.511 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY021776.D
Acq: 04 Apr 2025 09:22



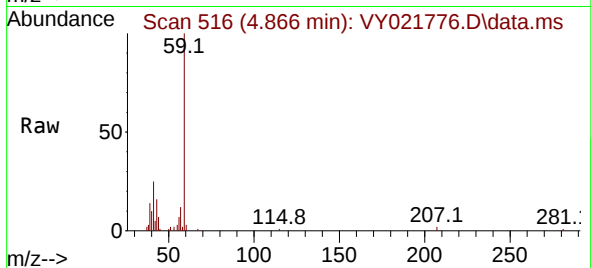
Tgt Ion:142 Resp: 132756
Ion Ratio Lower Upper
142 100
127 48.5 38.7 58.1
141 15.0 11.5 17.3





#11
Tert butyl alcohol
Concen: 198.281 ug/l
RT: 4.866 min Scan# 515
Delta R.T. 0.006 min
Lab File: VY021776.D
Acq: 04 Apr 2025 09:22

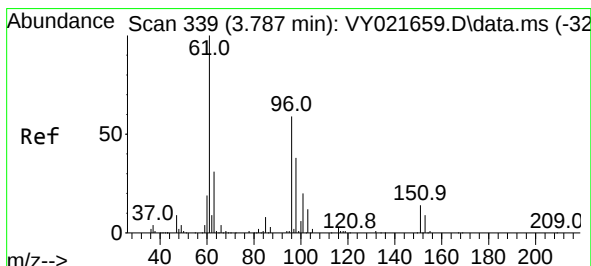
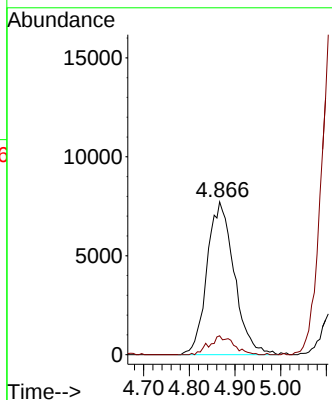
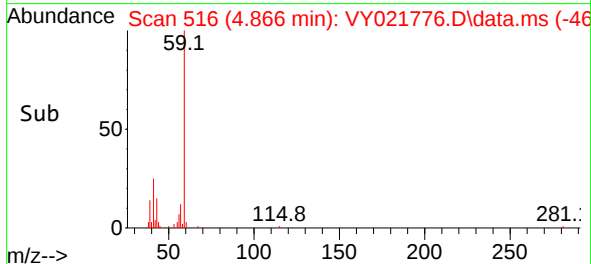
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 59 Resp: 31915
Ion Ratio Lower Upper
59 100
57 10.9 9.2 13.8

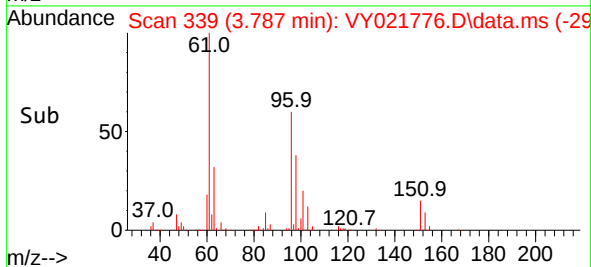
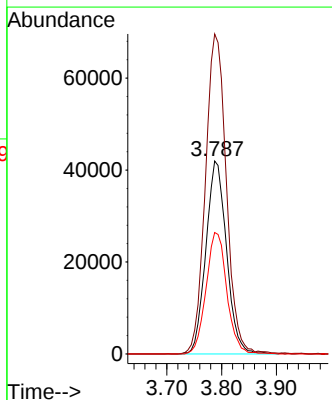
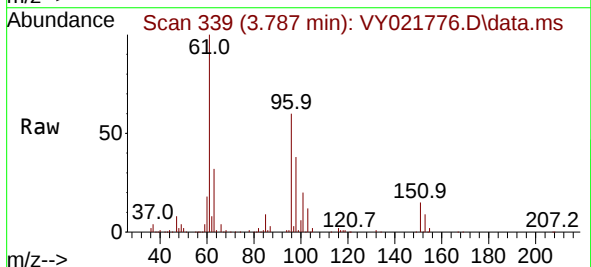
Manual Integrations
APPROVED

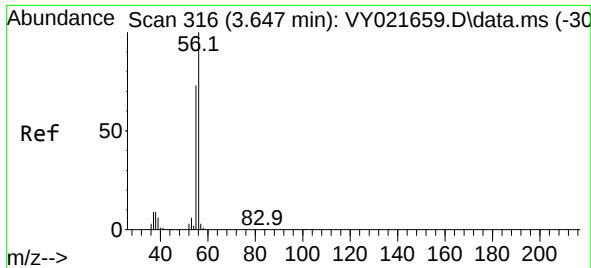
Reviewed By :Mahesh Dadoda 04/07/2025
Supervised By :Semsettin Yesilyurt 04/07/2025



#12
1,1-Dichloroethene
Concen: 45.826 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY021776.D
Acq: 04 Apr 2025 09:22

Tgt Ion: 96 Resp: 109939
Ion Ratio Lower Upper
96 100
61 165.9 136.6 204.8
98 63.0 52.3 78.5





#13

Acrolein

Concen: 108.084 ug/l

RT: 3.653 min Scan# 317

Delta R.T. 0.006 min

Lab File: VY021776.D

Acq: 04 Apr 2025 09:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 3176

Ion Ratio Lower Upper

56 100

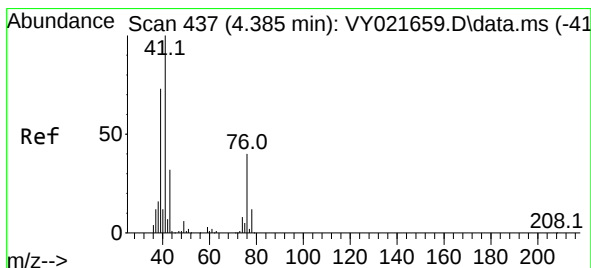
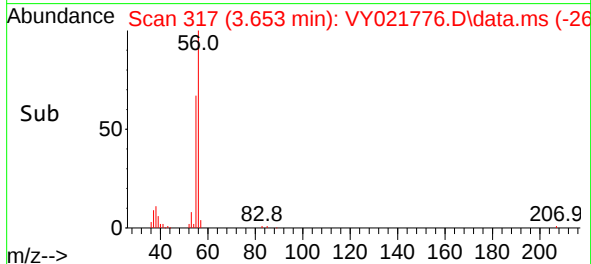
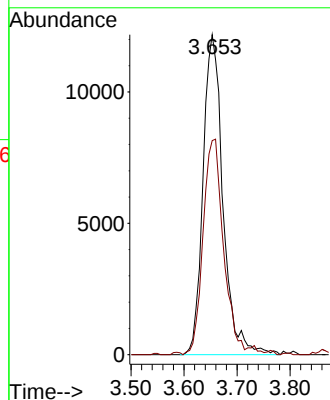
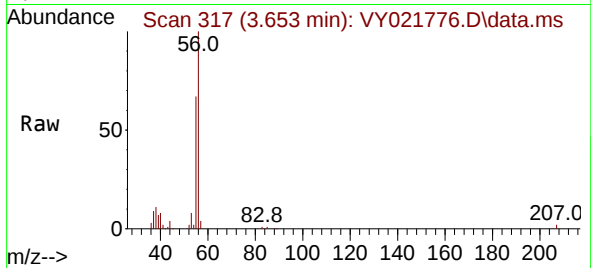
55 69.4 56.6 85.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/07/2025

Supervised By :Semsettin Yesilyurt 04/07/2025



#14

Allyl chloride

Concen: 45.628 ug/l

RT: 4.385 min Scan# 437

Delta R.T. 0.000 min

Lab File: VY021776.D

Acq: 04 Apr 2025 09:22

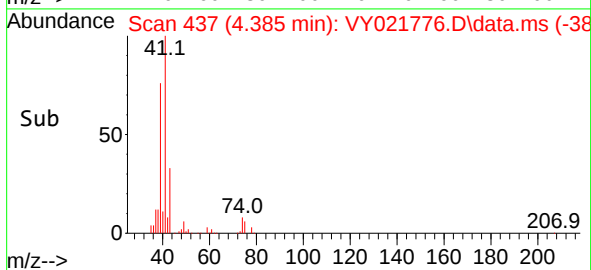
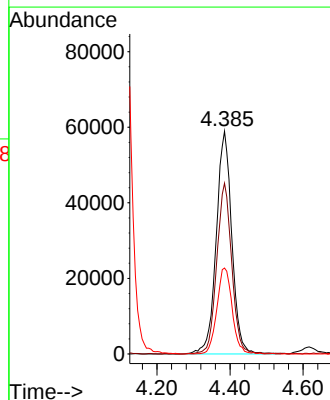
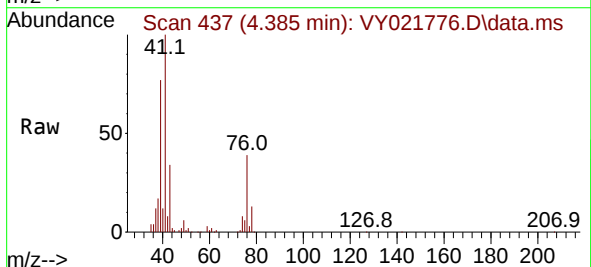
Tgt Ion: 41 Resp: 174528

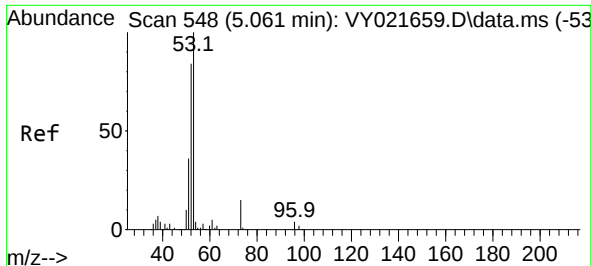
Ion Ratio Lower Upper

41 100

39 73.5 58.6 88.0

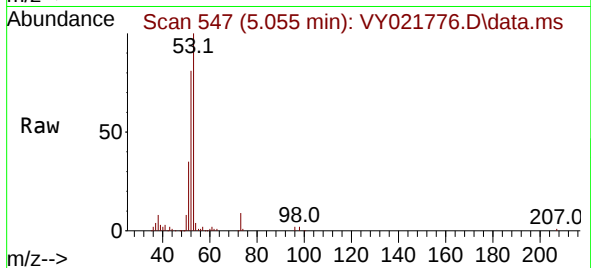
76 37.8 30.3 45.5





#15
Acrylonitrile
Concen: 220.642 ug/l
RT: 5.055 min Scan# 548
Delta R.T. -0.006 min
Lab File: VY021776.D
Acq: 04 Apr 2025 09:22

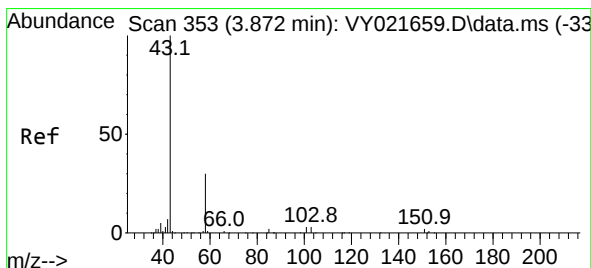
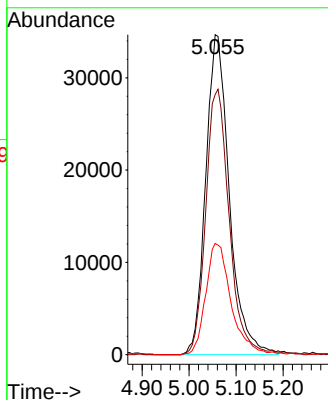
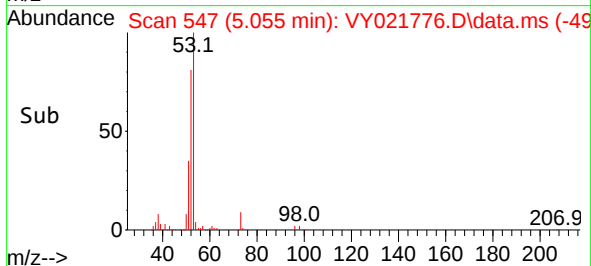
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



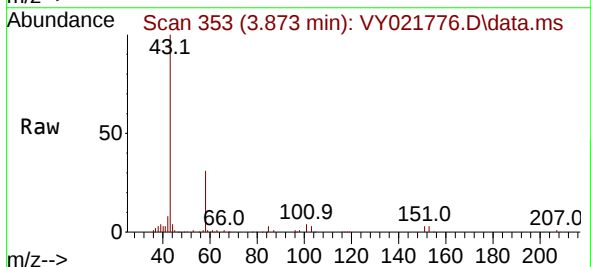
Tgt Ion: 53 Resp: 120980
Ion Ratio Lower Upper
53 100
52 82.7 64.9 97.3
51 37.4 30.2 45.2

Manual Integrations
APPROVED

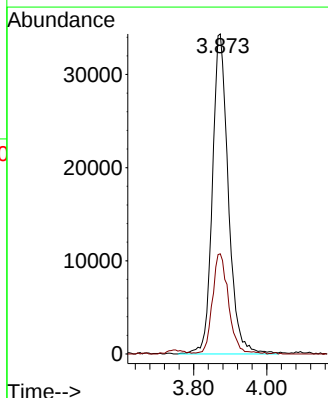
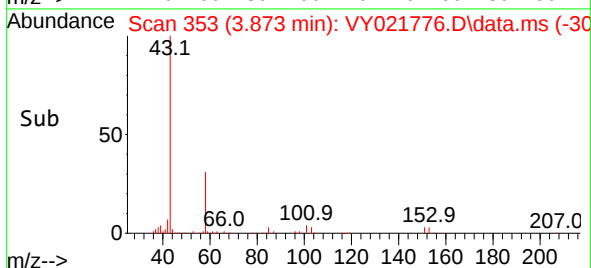
Reviewed By :Mahesh Dadoda 04/07/2025
Supervised By :Semsettin Yesilyurt 04/07/2025

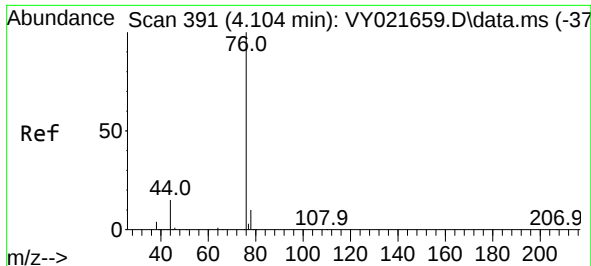


#16
Acetone
Concen: 205.322 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY021776.D
Acq: 04 Apr 2025 09:22



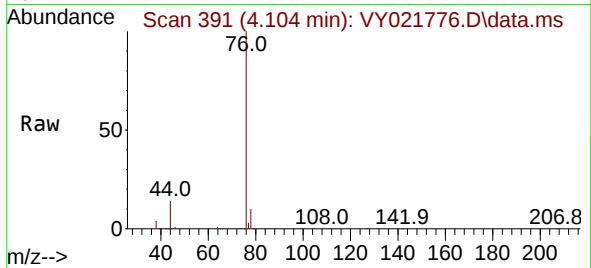
Tgt Ion: 43 Resp: 104133
Ion Ratio Lower Upper
43 100
58 31.3 24.2 36.4





#17
Carbon Disulfide
Concen: 44.833 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY021776.D
Acq: 04 Apr 2025 09:22

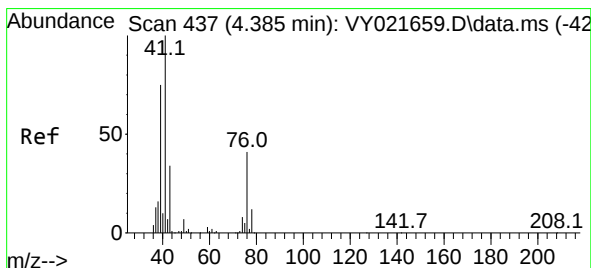
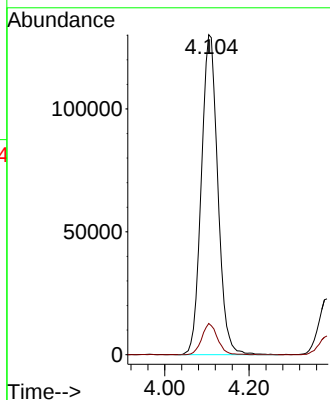
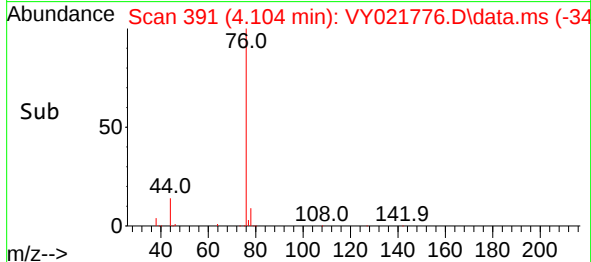
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



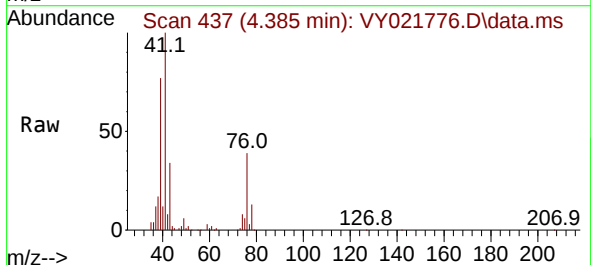
Tgt Ion: 76 Resp: 35425
Ion Ratio Lower Upper
76 100
78 9.7 7.6 11.4

Manual Integrations
APPROVED

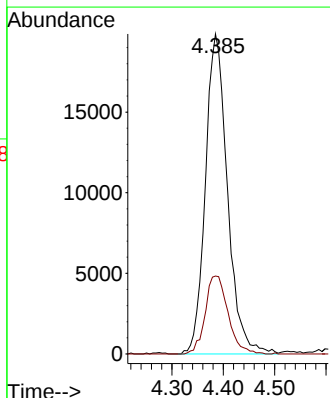
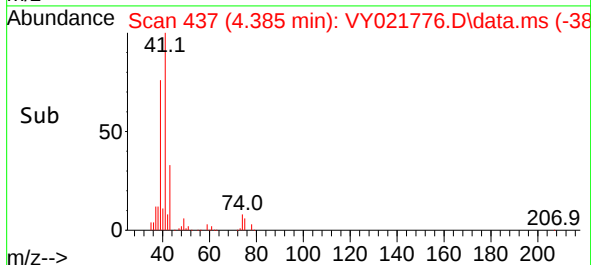
Reviewed By :Mahesh Dadoda 04/07/2025
Supervised By :Semsettin Yesilyurt 04/07/2025



#18
Methyl Acetate
Concen: 47.090 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY021776.D
Acq: 04 Apr 2025 09:22



Tgt Ion: 43 Resp: 59191
Ion Ratio Lower Upper
43 100
74 25.2 19.1 28.7





#19

Methyl tert-butyl Ether

Concen: 46.078 ug/l

RT: 5.110 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY021776.D

Acq: 04 Apr 2025 09:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 73 Resp: 275214

Ion Ratio Lower Upper

73 100

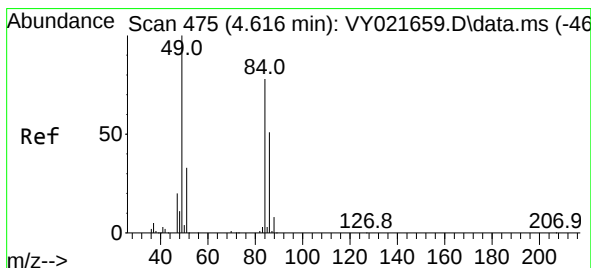
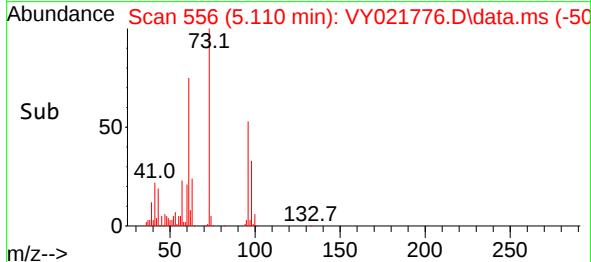
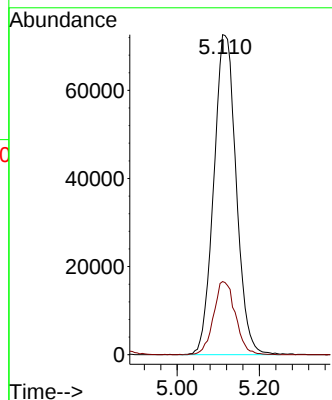
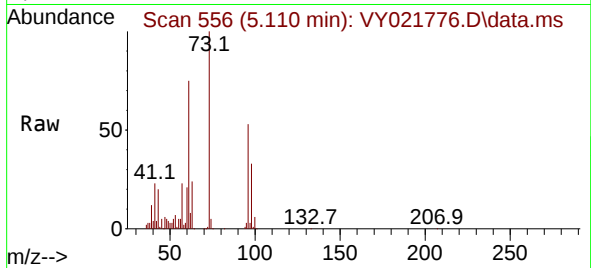
57 22.9 18.1 27.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/07/2025

Supervised By :Semsettin Yesilyurt 04/07/2025



#20

Methylene Chloride

Concen: 47.558 ug/l

RT: 4.610 min Scan# 474

Delta R.T. -0.006 min

Lab File: VY021776.D

Acq: 04 Apr 2025 09:22

Tgt Ion: 84 Resp: 118494

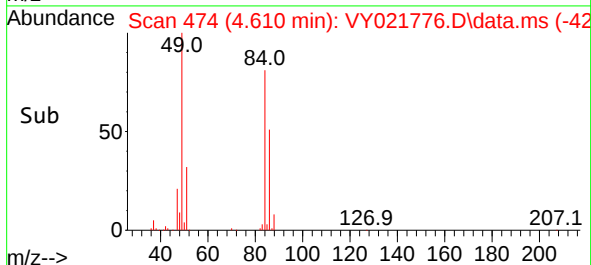
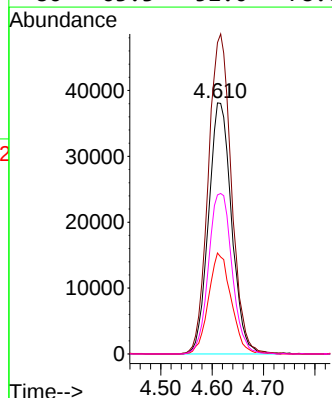
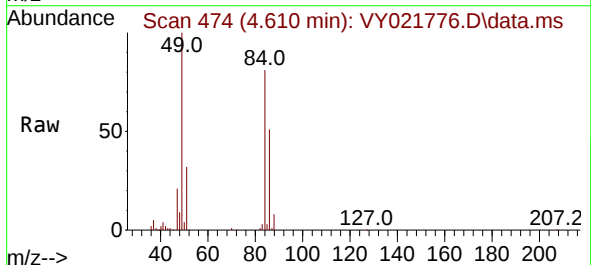
Ion Ratio Lower Upper

84 100

49 124.0 102.8 154.2

51 40.2 33.5 50.3

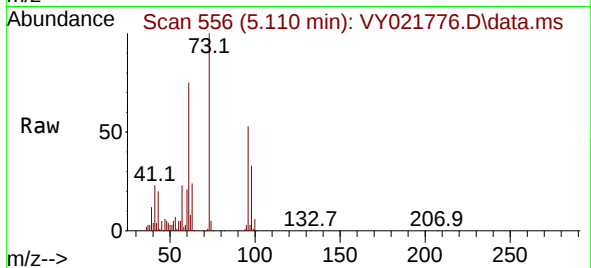
86 63.3 52.0 78.0





#21
trans-1,2-Dichloroethene
Concen: 46.214 ug/l
RT: 5.110 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY021776.D
Acq: 04 Apr 2025 09:22

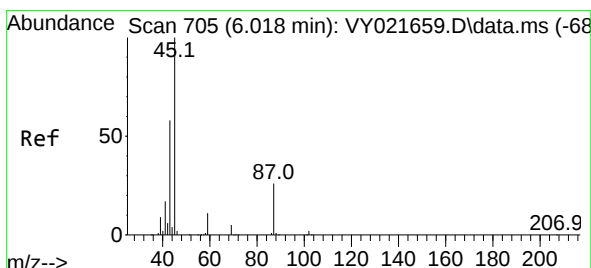
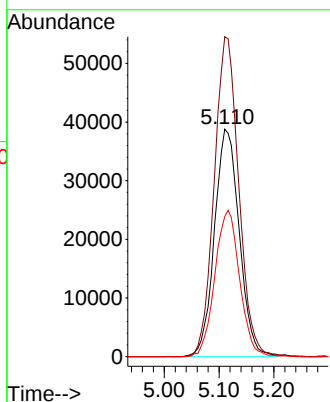
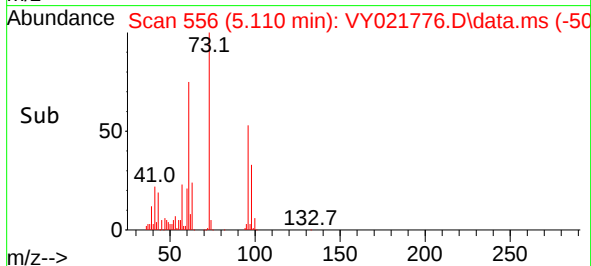
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



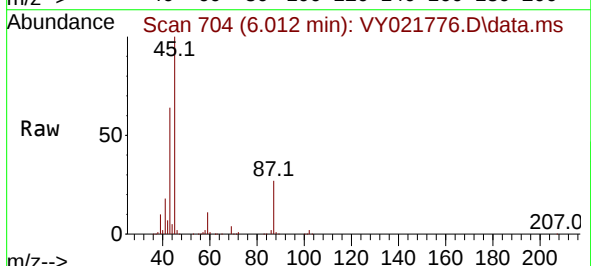
Tgt Ion: 96 Resp: 12207
Ion Ratio Lower Upper
96 100
61 140.7 109.4 164.0
98 61.6 50.2 75.2

Manual Integrations
APPROVED

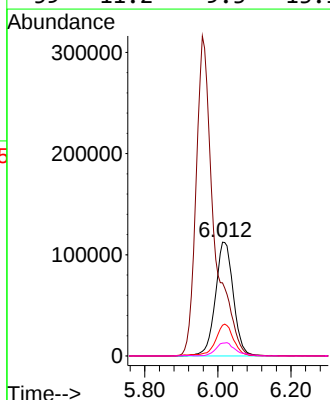
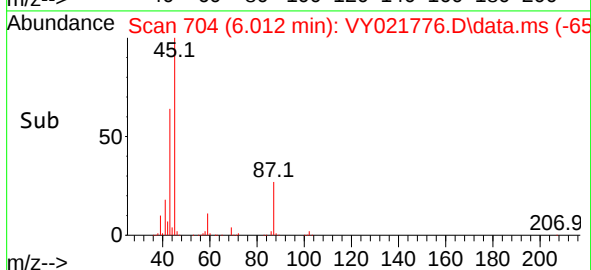
Reviewed By :Mahesh Dadoda 04/07/2025
Supervised By :Semsettin Yesilyurt 04/07/2025

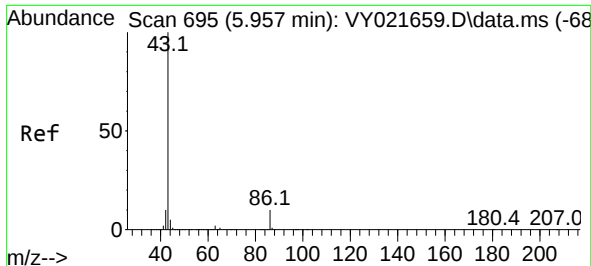


#22
Diisopropyl ether
Concen: 47.921 ug/l
RT: 6.012 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY021776.D
Acq: 04 Apr 2025 09:22



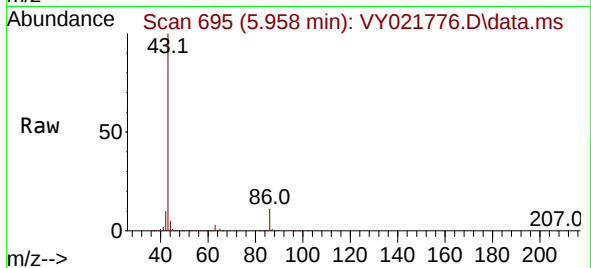
Tgt Ion: 45 Resp: 384515
Ion Ratio Lower Upper
45 100
43 64.0 46.6 69.8
87 27.0 20.7 31.1
59 11.2 9.3 13.9





#23
 Vinyl Acetate
 Concen: 228.612 ug/l
 RT: 5.958 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY021776.D
 Acq: 04 Apr 2025 09:22

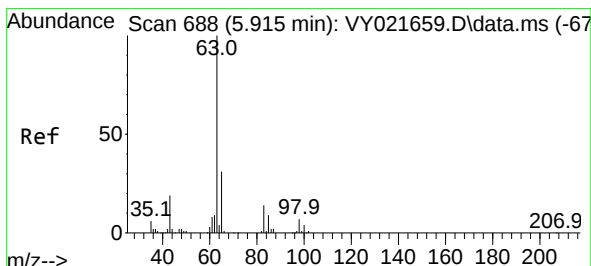
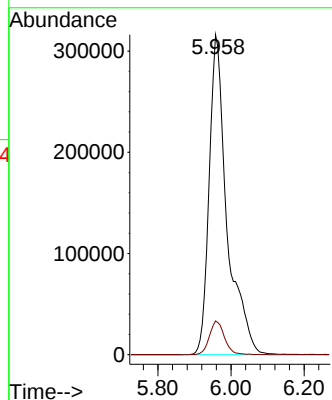
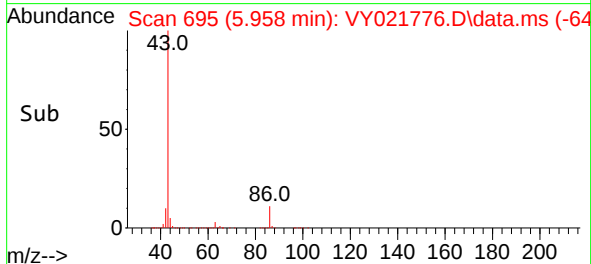
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



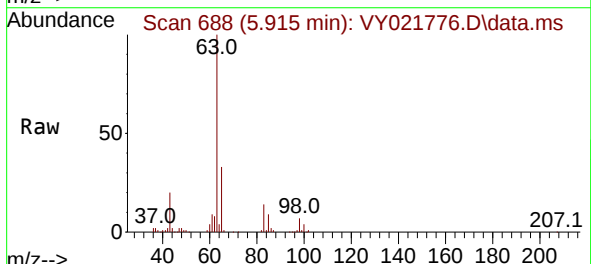
Tgt Ion: 43 Resp: 107311
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.2 12.2

Manual Integrations
 APPROVED

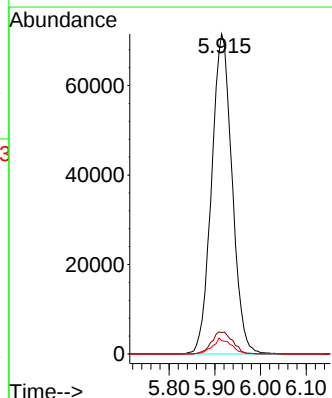
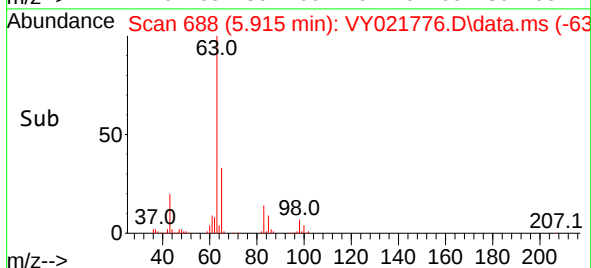
Reviewed By :Mahesh Dadoda 04/07/2025
 Supervised By :Semsettin Yesilyurt 04/07/2025

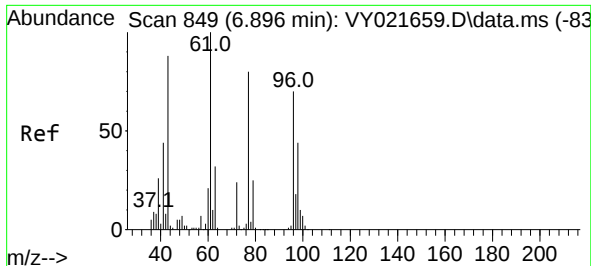


#24
 1,1-Dichloroethane
 Concen: 46.472 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY021776.D
 Acq: 04 Apr 2025 09:22



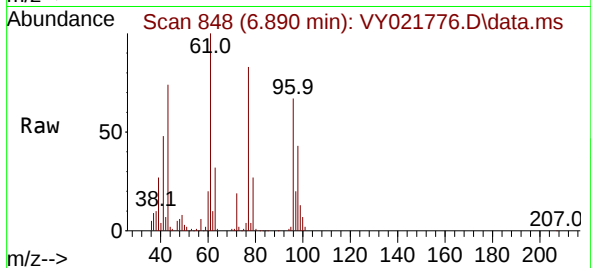
Tgt Ion: 63 Resp: 222969
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.5 10.5
 100 4.1 2.2 6.6





#25
2-Butanone
Concen: 214.357 ug/l
RT: 6.890 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY021776.D
Acq: 04 Apr 2025 09:22

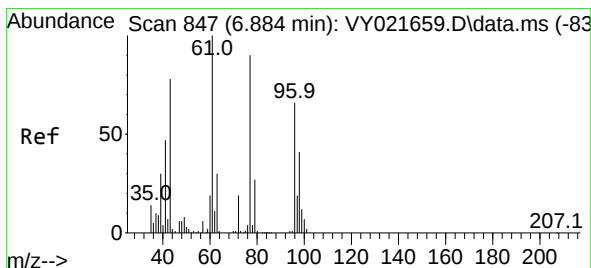
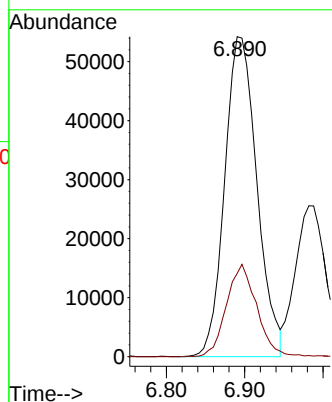
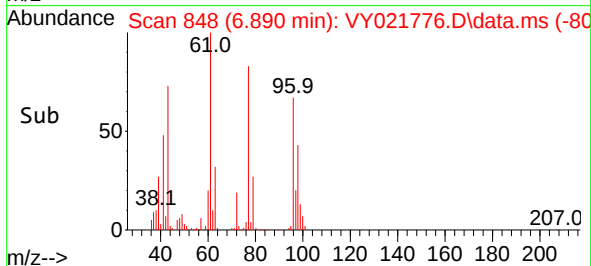
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 155279
Ion Ratio Lower Upper
43 100
72 26.0 21.4 32.2

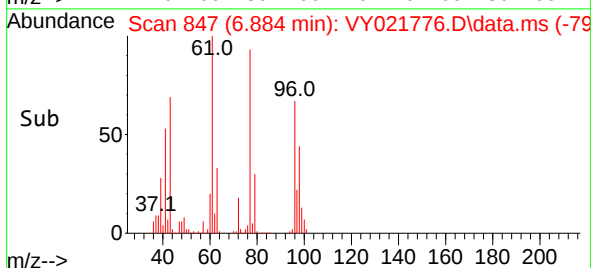
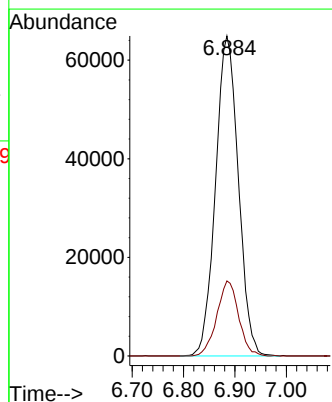
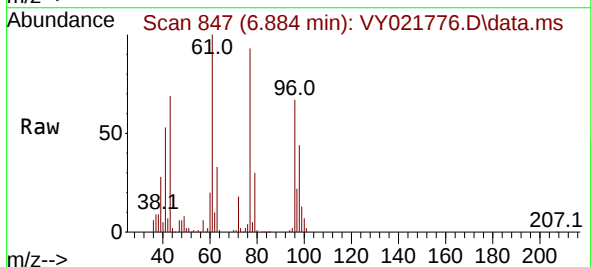
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 04/07/2025
Supervised By :Semsettin Yesilyurt 04/07/2025



#26
2,2-Dichloropropane
Concen: 46.842 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY021776.D
Acq: 04 Apr 2025 09:22

Tgt Ion: 77 Resp: 199917
Ion Ratio Lower Upper
77 100
97 22.4 11.1 33.1





#27

cis-1,2-Dichloroethene

Concen: 46.913 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY021776.D

Acq: 04 Apr 2025 09:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 139352

Ion Ratio Lower Upper

96 100

61 146.2 0.0 296.4

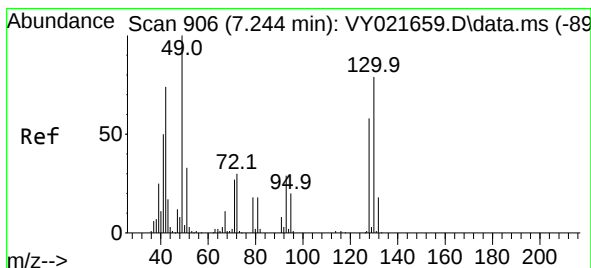
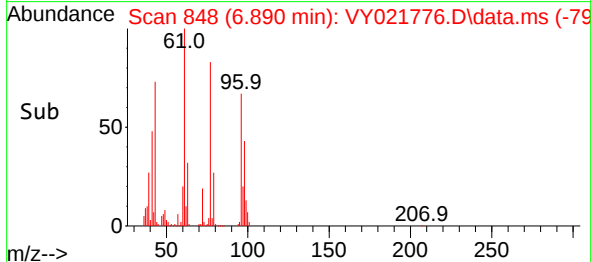
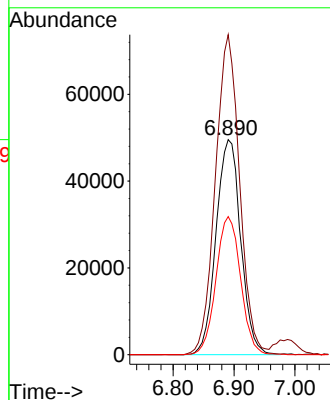
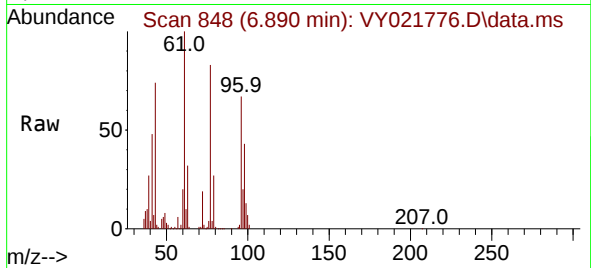
98 64.1 0.0 128.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/07/2025

Supervised By :Semsettin Yesilyurt 04/07/2025



#28

Bromochloromethane

Concen: 48.848 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY021776.D

Acq: 04 Apr 2025 09:22

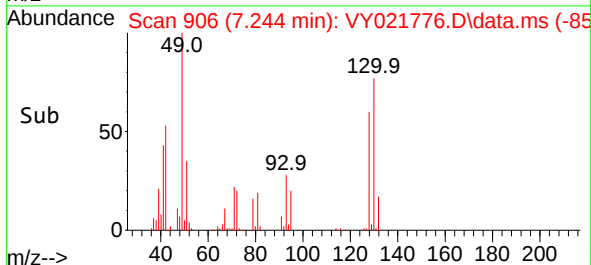
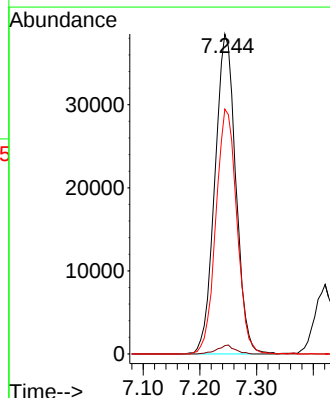
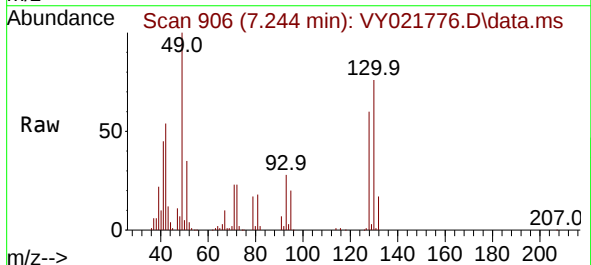
Tgt Ion: 49 Resp: 98842

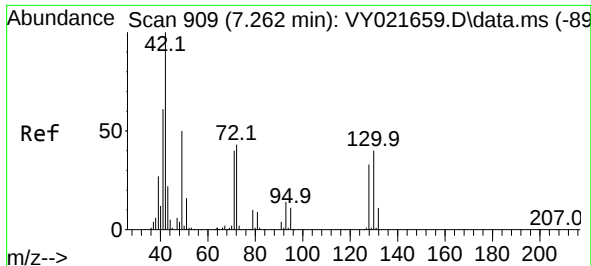
Ion Ratio Lower Upper

49 100

129 2.4 0.0 4.4

130 76.6 60.1 90.1





#29

Tetrahydrofuran

Concen: 221.852 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY021776.D

Acq: 04 Apr 2025 09:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

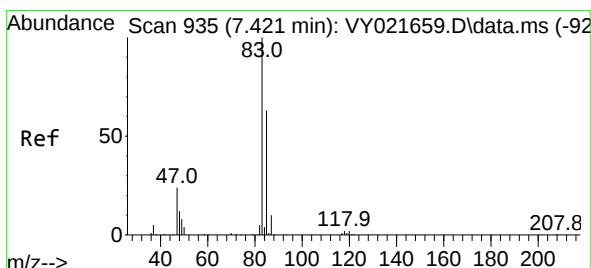
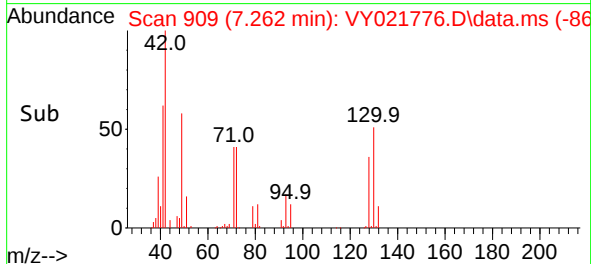
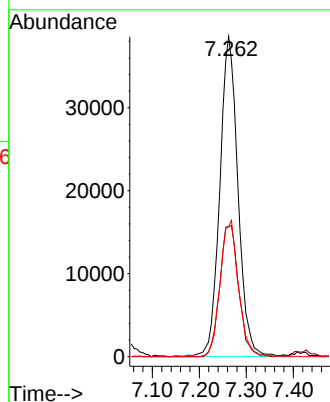
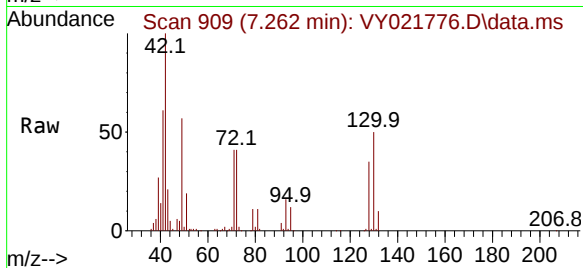
Tgt Ion: 42 Resp: 103430

Ion	Ratio	Lower	Upper
42	100		
72	42.7	34.6	52.0
71	42.9	32.5	48.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/07/2025
Supervised By :Semsettin Yesilyurt 04/07/2025



#30

Chloroform

Concen: 46.388 ug/l

RT: 7.421 min Scan# 935

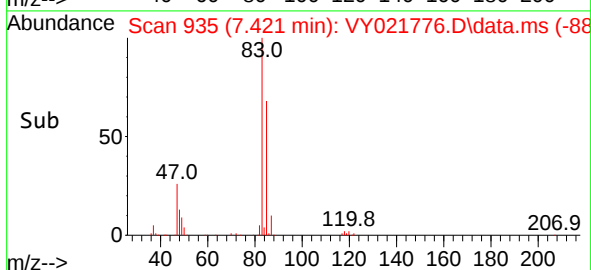
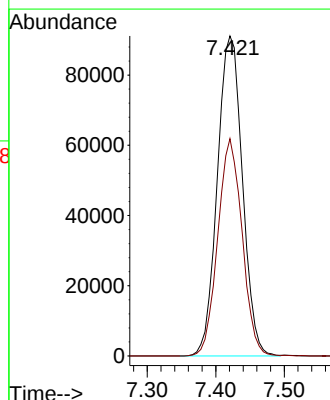
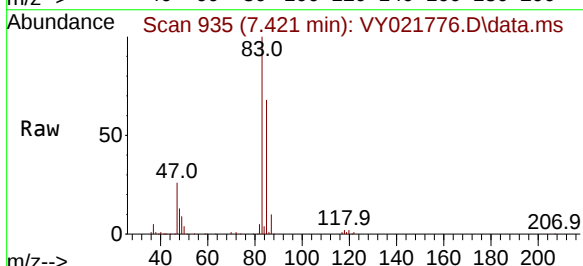
Delta R.T. 0.000 min

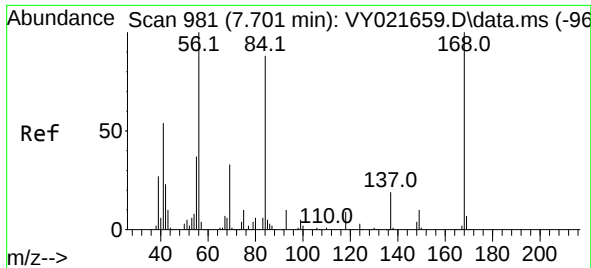
Lab File: VY021776.D

Acq: 04 Apr 2025 09:22

Tgt Ion: 83 Resp: 231492

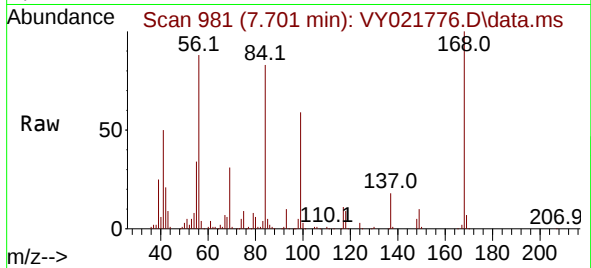
Ion	Ratio	Lower	Upper
83	100		
85	67.9	50.6	75.8





#31
Cyclohexane
Concen: 44.882 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY021776.D
Acq: 04 Apr 2025 09:22

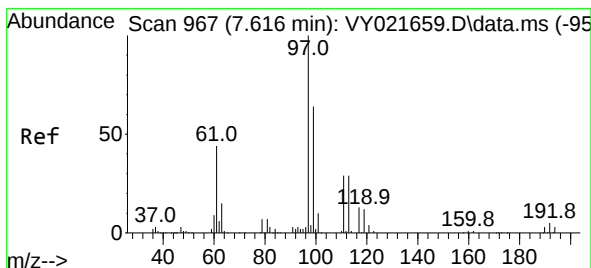
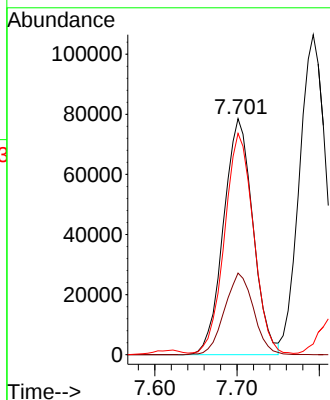
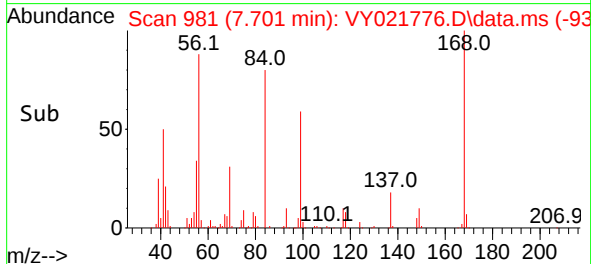
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 196295
Ion Ratio Lower Upper
56 100
69 34.6 26.6 40.0
84 92.3 69.0 103.4

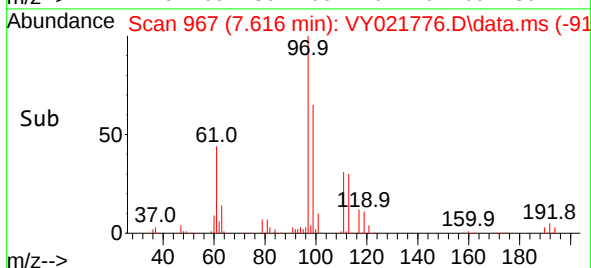
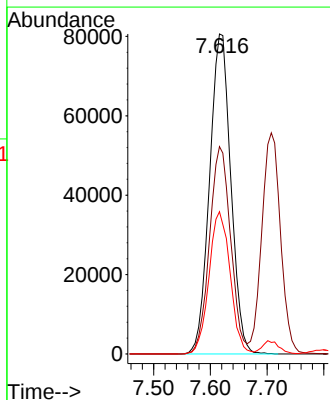
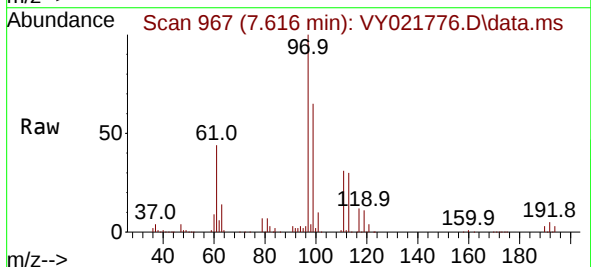
Manual Integrations
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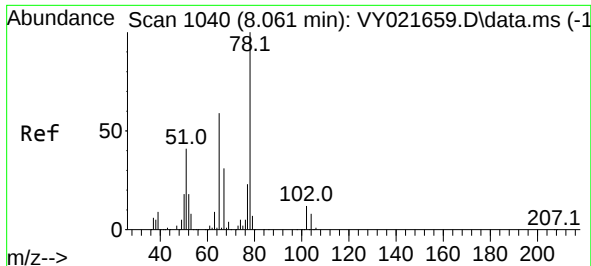
Reviewed By :Mahesh Dadoda 04/07/2025
Supervised By :Semsettin Yesilyurt 04/07/2025



#32
1,1,1-Trichloroethane
Concen: 46.549 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY021776.D
Acq: 04 Apr 2025 09:22

Tgt Ion: 97 Resp: 209951
Ion Ratio Lower Upper
97 100
99 64.5 50.7 76.1
61 44.3 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 49.189 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY021776.D

Acq: 04 Apr 2025 09:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 121890

Ion Ratio Lower Upper

65 100

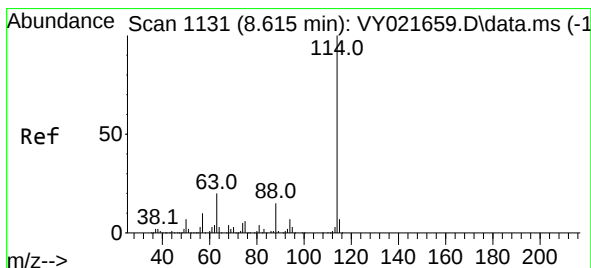
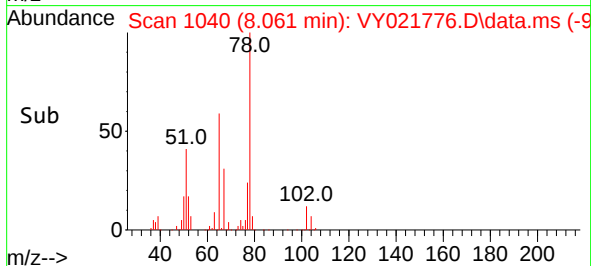
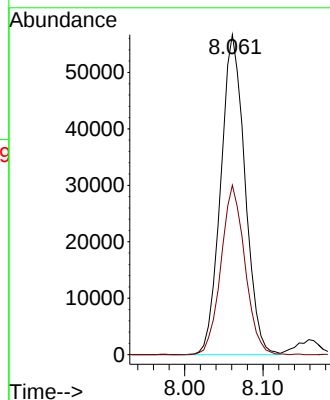
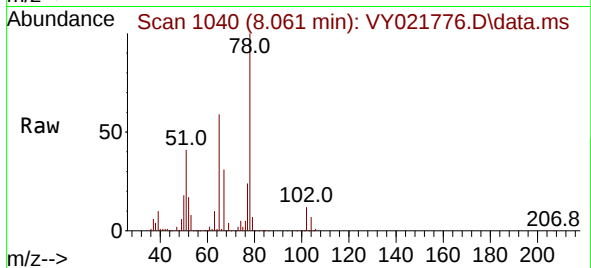
67 52.3 0.0 104.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/07/2025

Supervised By :Semsettin Yesilyurt 04/07/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY021776.D

Acq: 04 Apr 2025 09:22

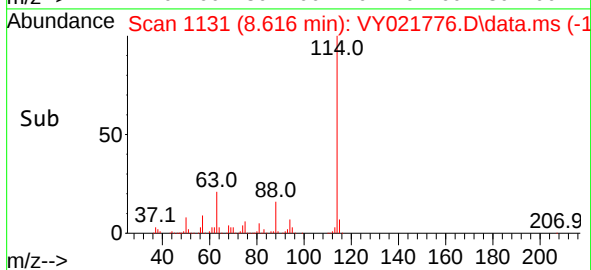
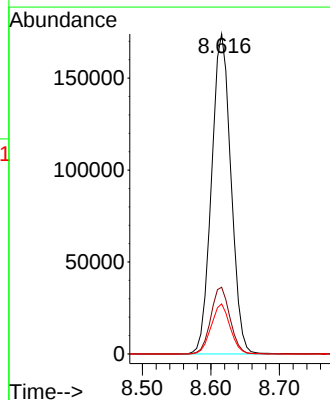
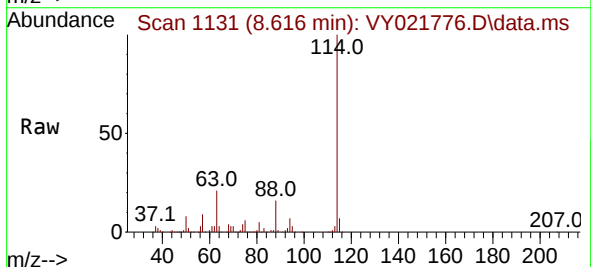
Tgt Ion:114 Resp: 342799

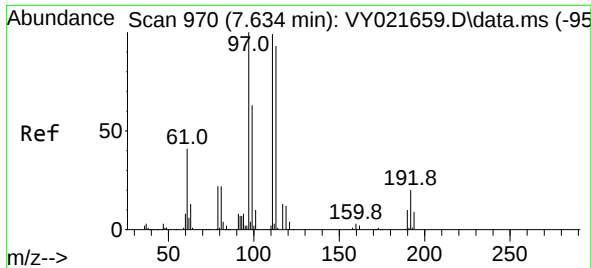
Ion Ratio Lower Upper

114 100

63 20.8 0.0 40.2

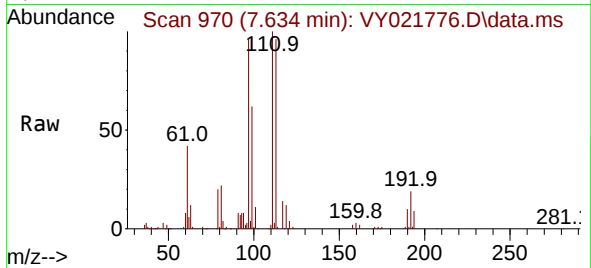
88 15.7 0.0 29.8





#35
Dibromofluoromethane
Concen: 51.952 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021776.D
Acq: 04 Apr 2025 09:22

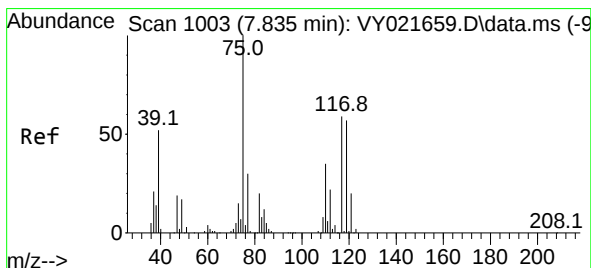
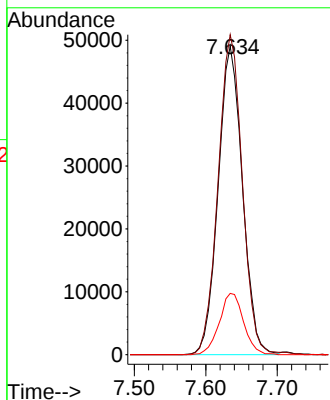
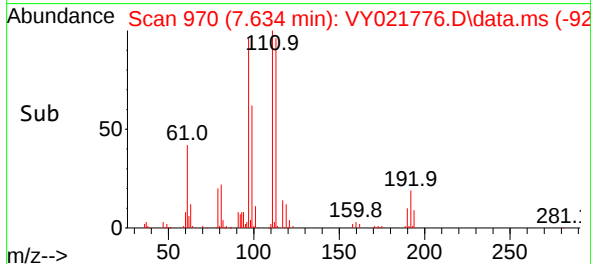
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



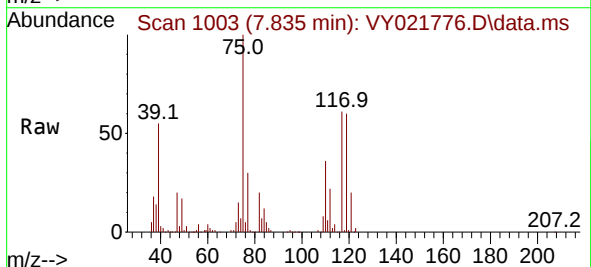
Tgt Ion: 113 Resp: 11552
Ion Ratio Lower Upper
113 100
111 103.7 82.6 123.8
192 19.9 16.2 24.4

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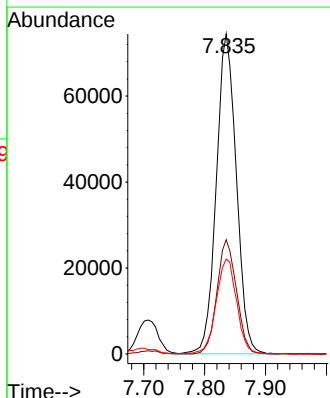
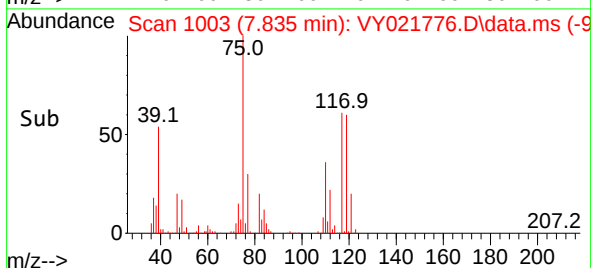
Reviewed By :Mahesh Dadoda 04/07/2025
Supervised By :Semsettin Yesilyurt 04/07/2025

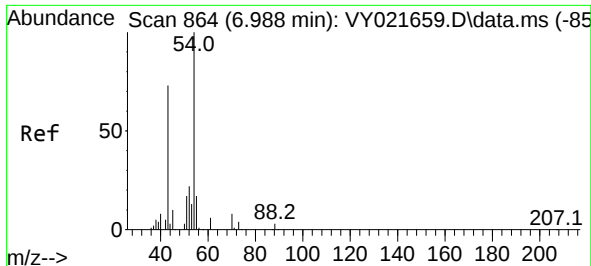


#36
1,1-Dichloropropene
Concen: 50.100 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY021776.D
Acq: 04 Apr 2025 09:22



Tgt Ion: 75 Resp: 169689
Ion Ratio Lower Upper
75 100
110 34.7 17.0 50.9
77 30.4 24.8 37.2





#37

Ethyl Acetate

Concen: 44.748 ug/l

RT: 6.982 min Scan# 80

Delta R.T. -0.006 min

Lab File: VY021776.D

Acq: 04 Apr 2025 09:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

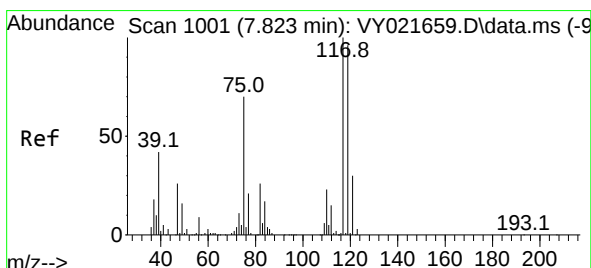
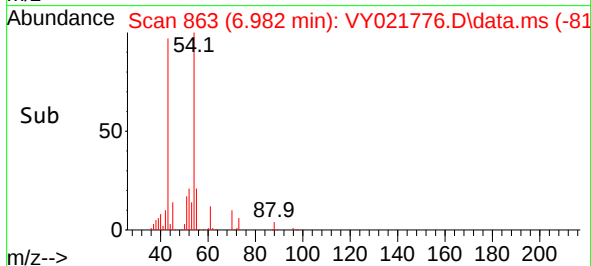
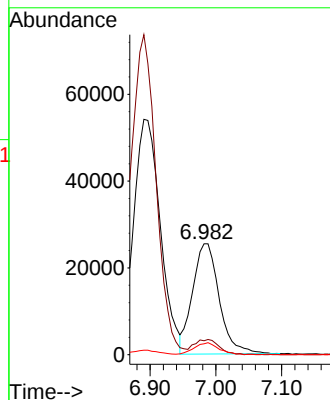
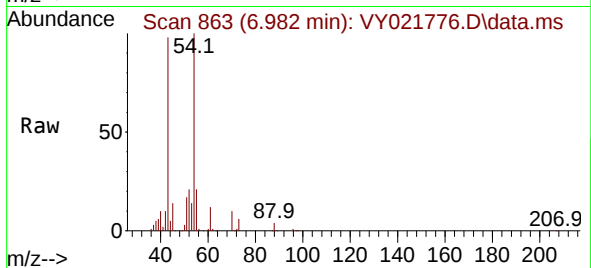
Tgt Ion: 43 Resp: 71529

Ion	Ratio	Lower	Upper
43	100		
61	12.2	11.0	16.6
70	10.1	8.1	12.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/07/2025
Supervised By :Semsettin Yesilyurt 04/07/2025



#38

Carbon Tetrachloride

Concen: 49.520 ug/l

RT: 7.817 min Scan# 1000

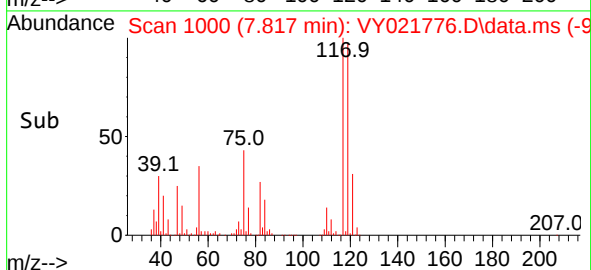
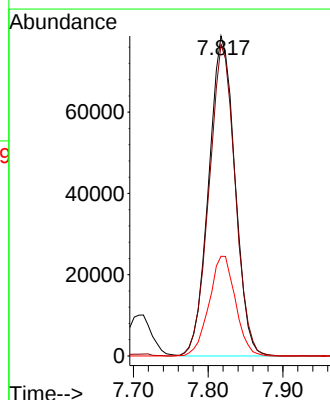
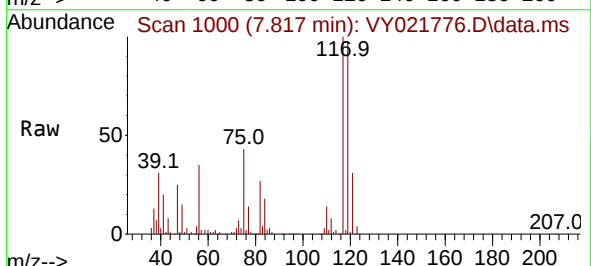
Delta R.T. -0.006 min

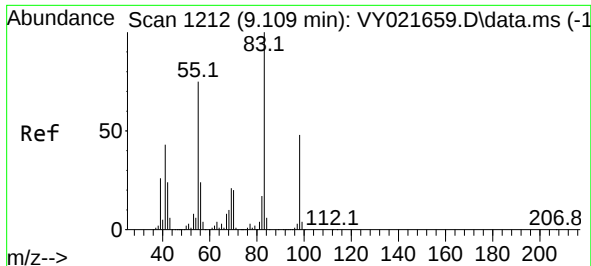
Lab File: VY021776.D

Acq: 04 Apr 2025 09:22

Tgt Ion:117 Resp: 192102

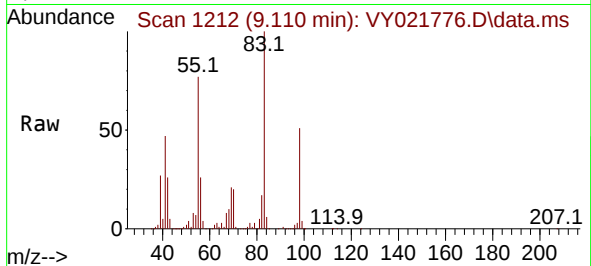
Ion	Ratio	Lower	Upper
117	100		
119	97.4	76.2	114.4
121	31.1	24.2	36.4





#39
Methylcyclohexane
Concen: 50.518 ug/l
RT: 9.110 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021776.D
Acq: 04 Apr 2025 09:22

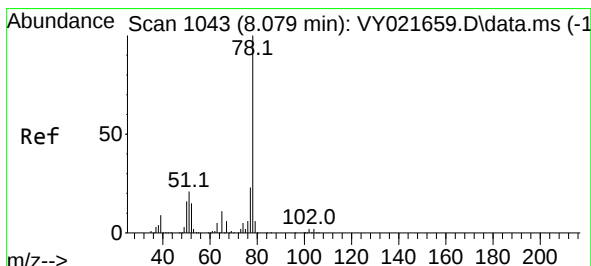
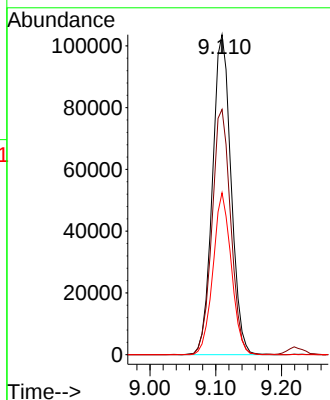
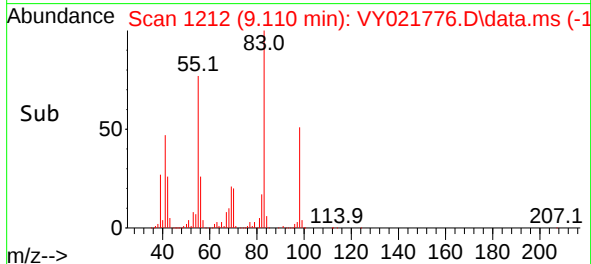
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 20440
Ion Ratio Lower Upper
83 100
55 76.6 59.7 89.5
98 50.6 38.3 57.5

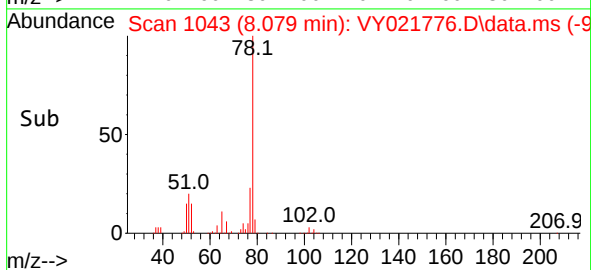
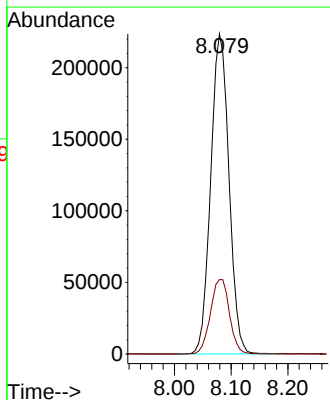
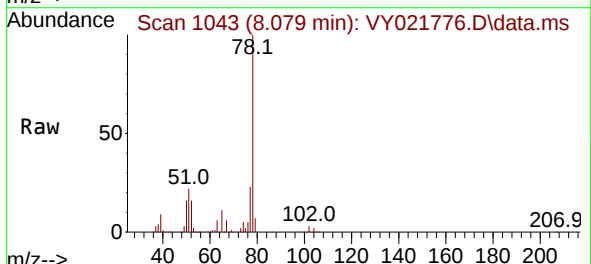
Manual Integrations
APPROVED

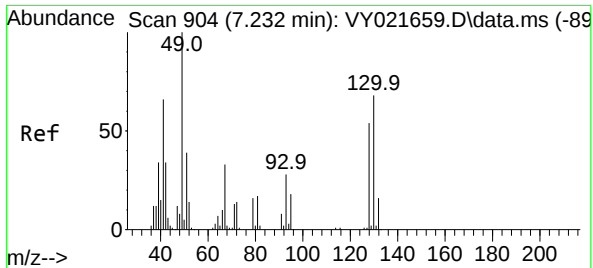
Reviewed By :Mahesh Dadoda 04/07/2025
Supervised By :Semsettin Yesilyurt 04/07/2025



#40
Benzene
Concen: 49.278 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VY021776.D
Acq: 04 Apr 2025 09:22

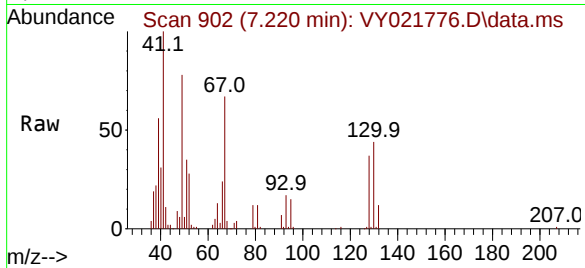
Tgt Ion: 78 Resp: 499841
Ion Ratio Lower Upper
78 100
77 23.2 18.8 28.2





#41
Methacrylonitrile
Concen: 43.428 ug/l
RT: 7.220 min Scan# 904
Delta R.T. -0.012 min
Lab File: VY021776.D
Acq: 04 Apr 2025 09:22

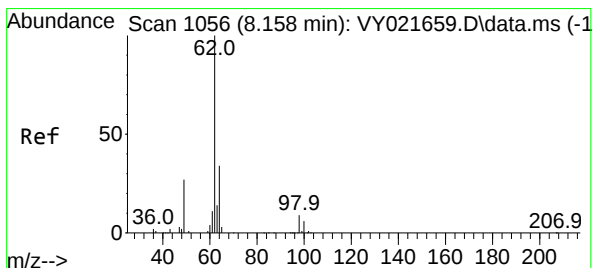
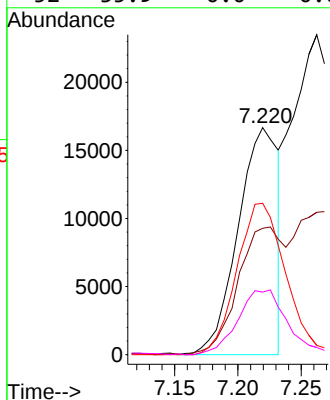
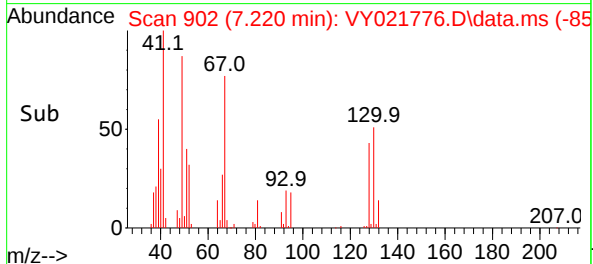
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 3686
Ion Ratio Lower Upper
41 100
39 64.9 0.0 0.0
67 81.4 0.0 0.0
52 35.9 0.0 0.0

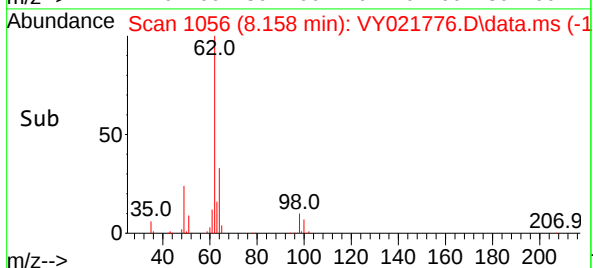
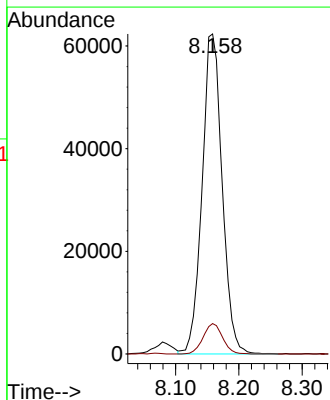
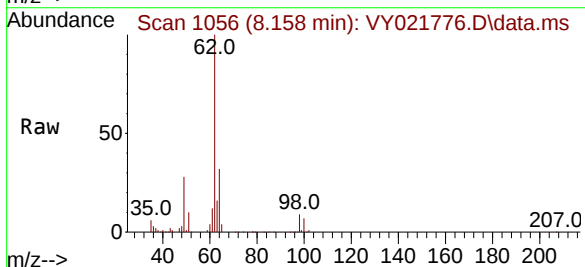
Manual Integrations
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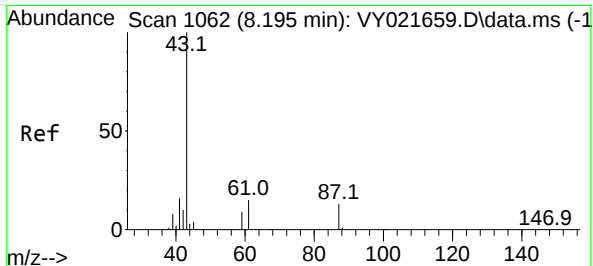
Reviewed By :Mahesh Dadoda 04/07/2025
Supervised By :Semsettin Yesilyurt 04/07/2025



#42
1,2-Dichloroethane
Concen: 48.074 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY021776.D
Acq: 04 Apr 2025 09:22

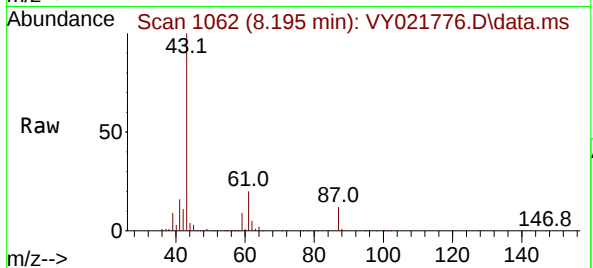
Tgt Ion: 62 Resp: 137468
Ion Ratio Lower Upper
62 100
98 9.2 0.0 18.4





#43
Isopropyl Acetate
Concen: 46.402 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY021776.D
Acq: 04 Apr 2025 09:22

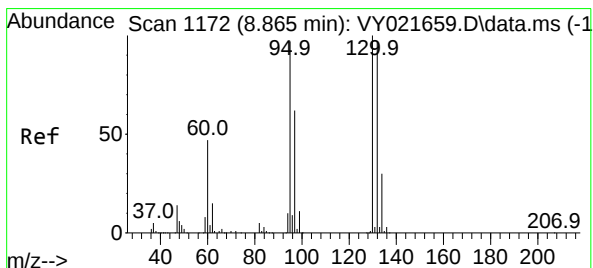
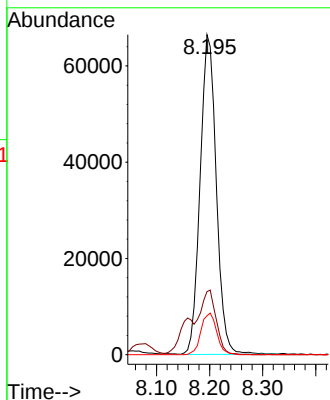
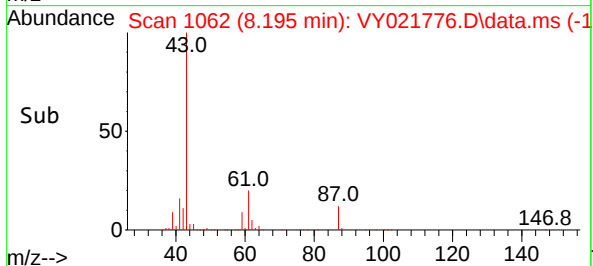
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 14056
Ion Ratio Lower Upper
43 100
61 20.1 15.9 23.9
87 12.6 10.4 15.6

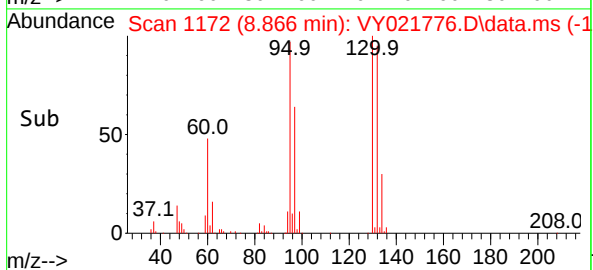
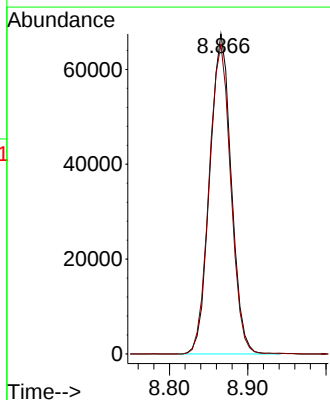
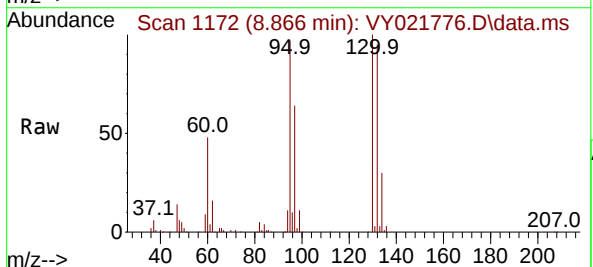
Manual Integrations
APPROVED

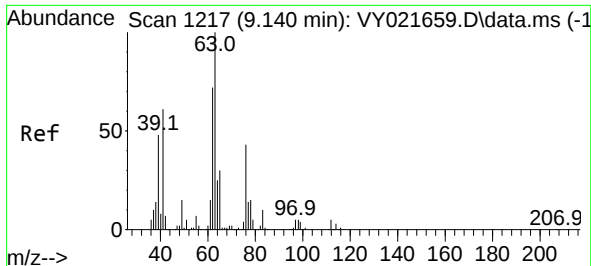
Reviewed By :Mahesh Dadoda 04/07/2025
Supervised By :Semsettin Yesilyurt 04/07/2025



#44
Trichloroethene
Concen: 49.692 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY021776.D
Acq: 04 Apr 2025 09:22

Tgt Ion:130 Resp: 128424
Ion Ratio Lower Upper
130 100
95 96.7 0.0 194.8





#45

1,2-Dichloropropane

Concen: 49.325 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY021776.D

Acq: 04 Apr 2025 09:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 118428

Ion Ratio Lower Upper

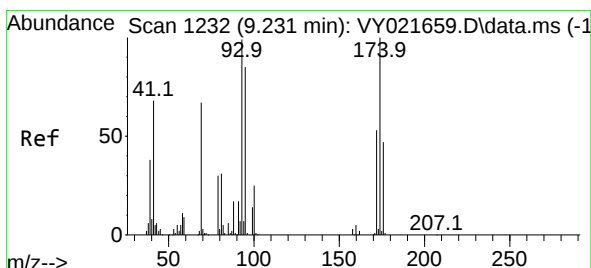
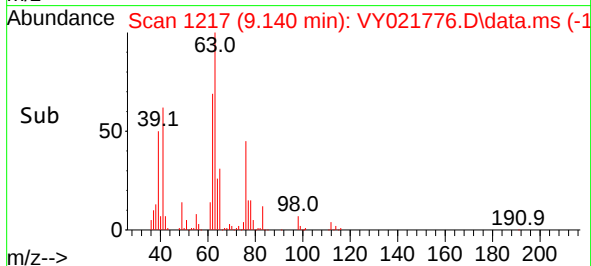
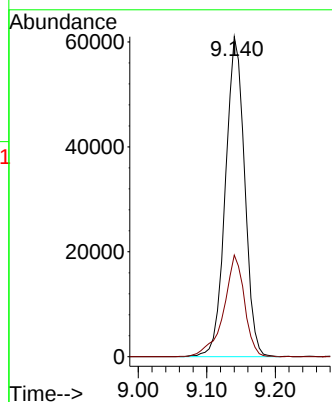
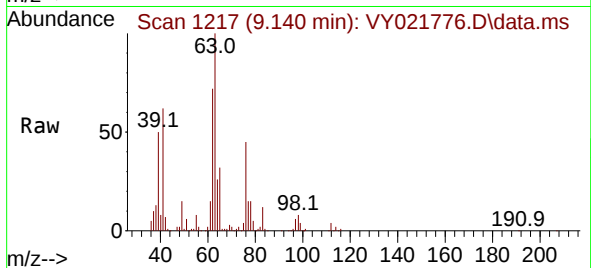
63 100

65 31.8 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/07/2025
Supervised By :Semsettin Yesilyurt 04/07/2025



#46

Dibromomethane

Concen: 48.116 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY021776.D

Acq: 04 Apr 2025 09:22

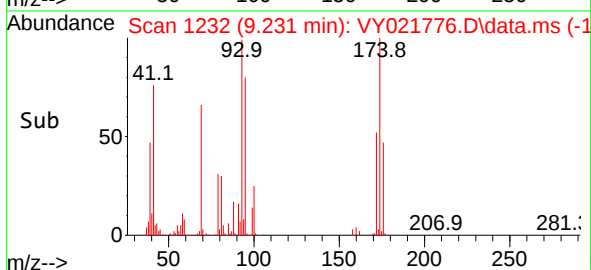
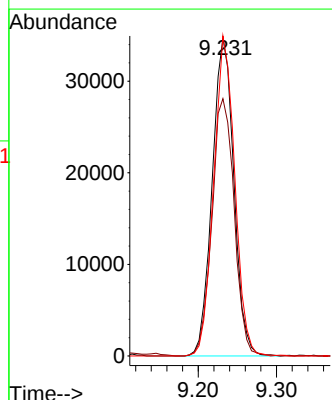
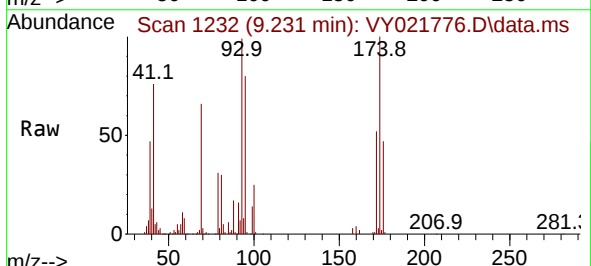
Tgt Ion: 93 Resp: 66580

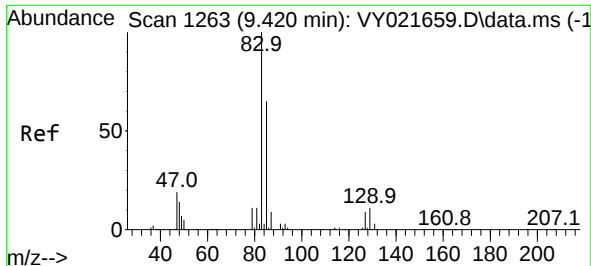
Ion Ratio Lower Upper

93 100

95 83.4 68.1 102.1

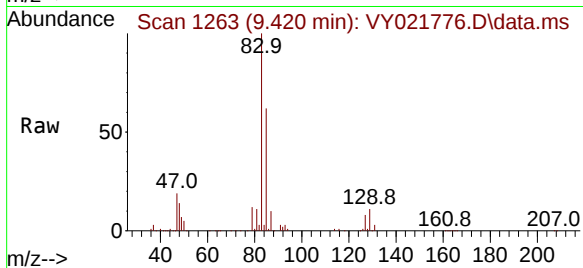
174 98.1 80.9 121.3





#47
Bromodichloromethane
Concen: 49.080 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VY021776.D
Acq: 04 Apr 2025 09:22

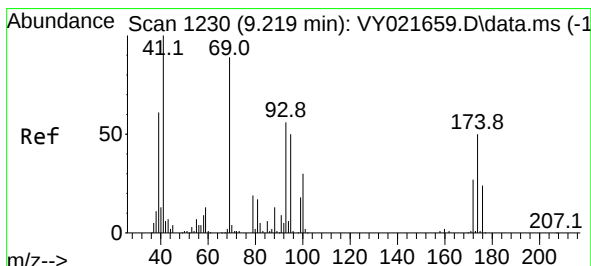
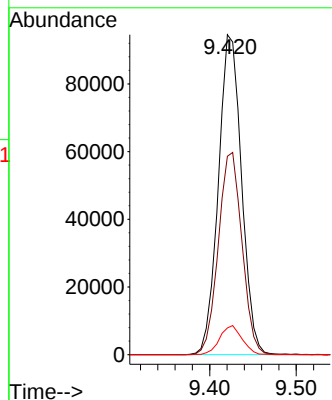
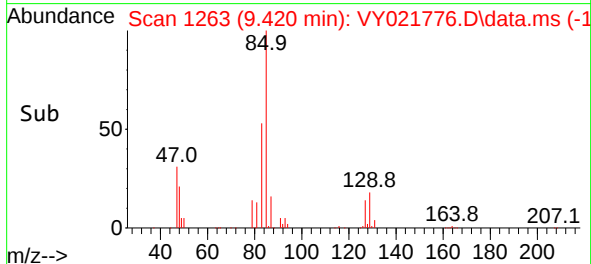
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



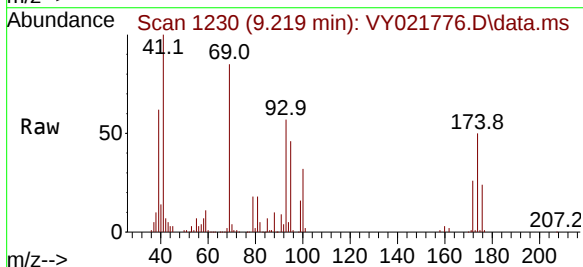
Tgt Ion: 83 Resp: 175970
Ion Ratio Lower Upper
83 100
85 62.0 51.8 77.6
127 8.3 6.8 10.2

Manual Integrations
APPROVED

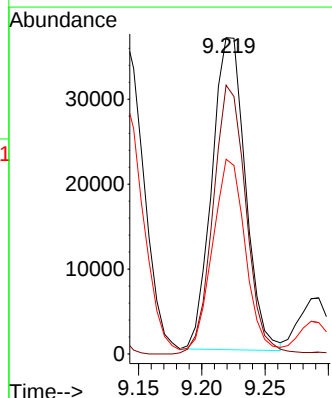
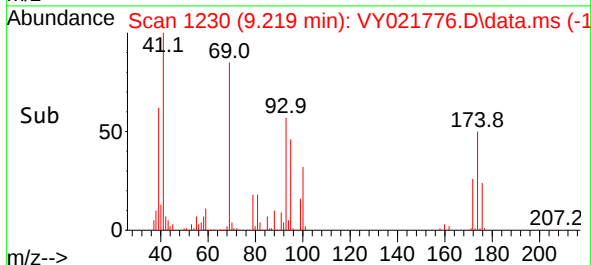
Reviewed By :Mahesh Dadoda 04/07/2025
Supervised By :Semsettin Yesilyurt 04/07/2025

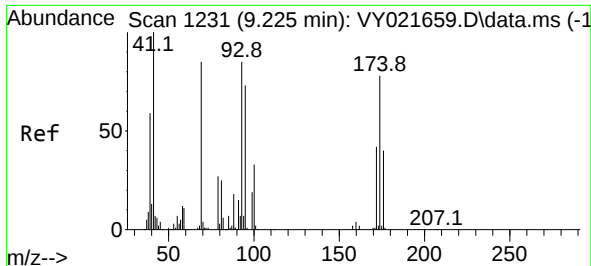


#48
Methyl methacrylate
Concen: 48.681 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY021776.D
Acq: 04 Apr 2025 09:22



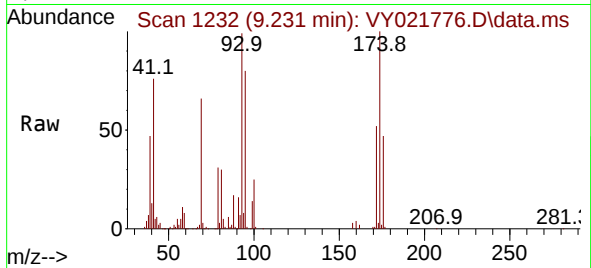
Tgt Ion: 41 Resp: 67680
Ion Ratio Lower Upper
41 100
69 84.5 69.8 104.8
39 59.0 47.2 70.8





#49
1,4-Dioxane
Concen: 916.931 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.006 min
Lab File: VY021776.D
Acq: 04 Apr 2025 09:22

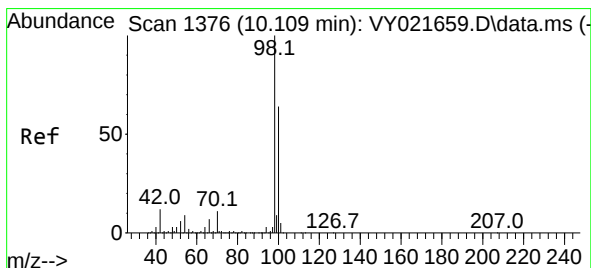
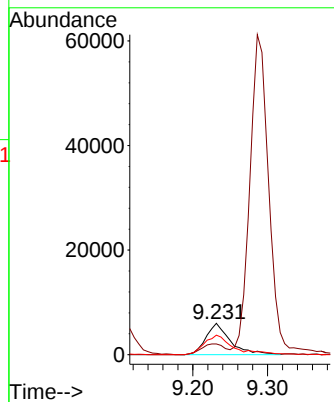
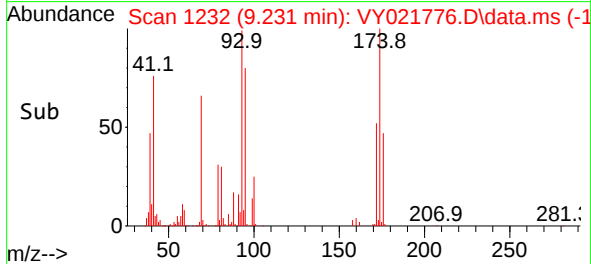
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 13592
Ion Ratio Lower Upper
88 100
43 33.9 28.8 43.2
58 75.3 59.4 89.2

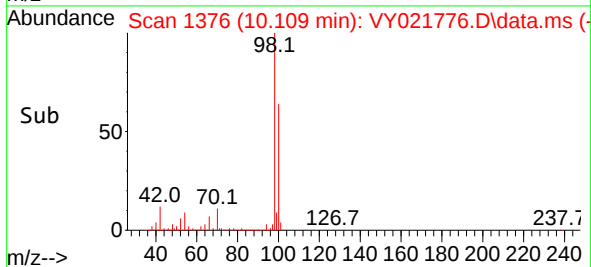
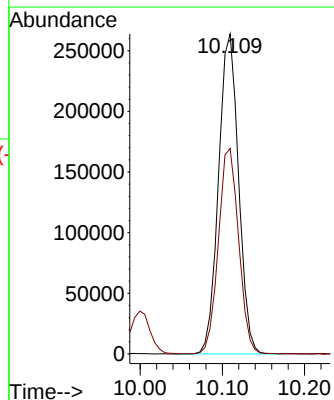
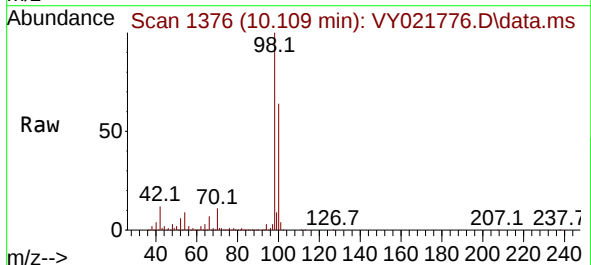
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 04/07/2025
Supervised By :Semsettin Yesilyurt 04/07/2025



#50
Toluene-d8
Concen: 52.794 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY021776.D
Acq: 04 Apr 2025 09:22

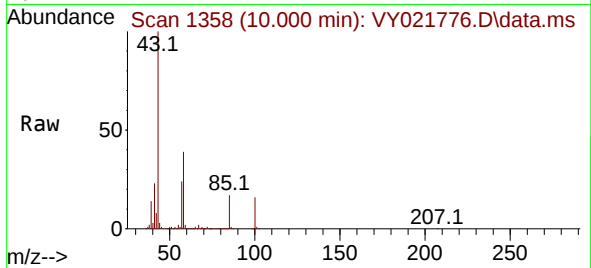
Tgt Ion: 98 Resp: 446617
Ion Ratio Lower Upper
98 100
100 65.0 52.1 78.1





#51
4-Methyl-2-Pentanone
Concen: 241.372 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY021776.D
Acq: 04 Apr 2025 09:22

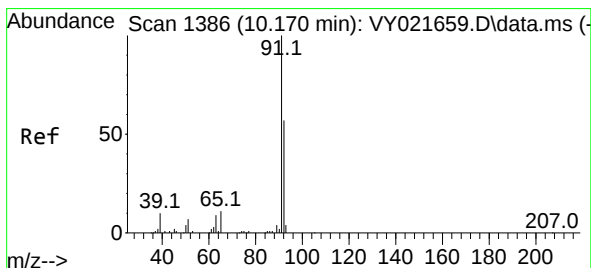
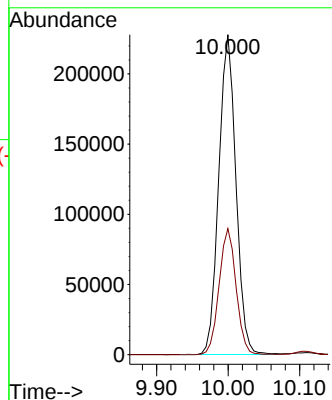
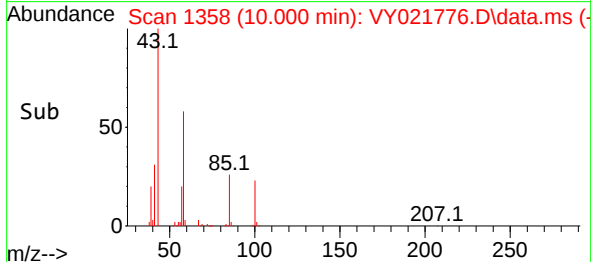
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



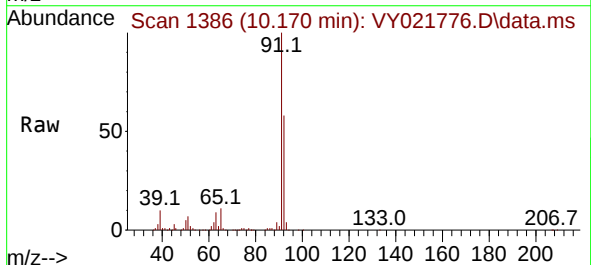
Tgt Ion: 43 Resp: 380500
Ion Ratio Lower Upper
43 100
58 39.0 31.5 47.3

Manual Integrations
APPROVED

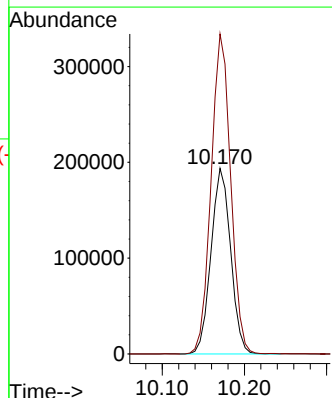
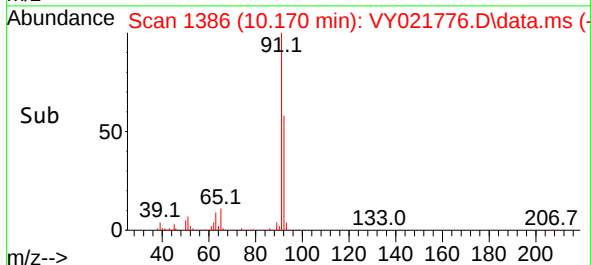
Reviewed By :Mahesh Dadoda 04/07/2025
Supervised By :Semsettin Yesilyurt 04/07/2025

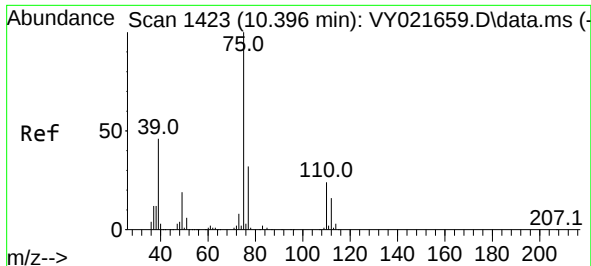


#52
Toluene
Concen: 50.737 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY021776.D
Acq: 04 Apr 2025 09:22



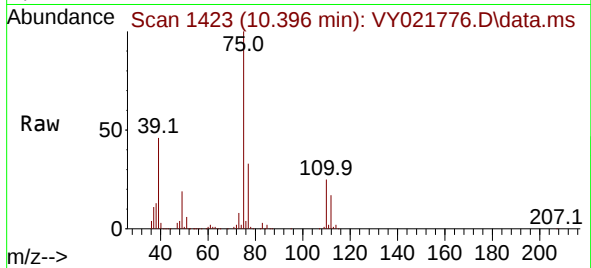
Tgt Ion: 92 Resp: 321091
Ion Ratio Lower Upper
92 100
91 171.7 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 49.181 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. 0.000 min
Lab File: VY021776.D
Acq: 04 Apr 2025 09:22

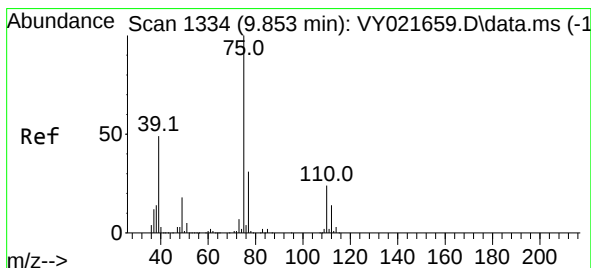
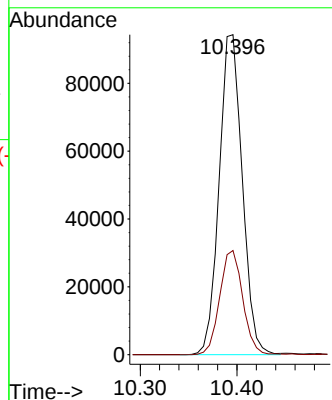
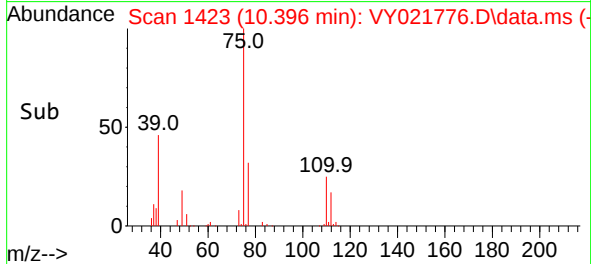
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 156628
Ion Ratio Lower Upper
75 100
77 32.6 25.3 37.9

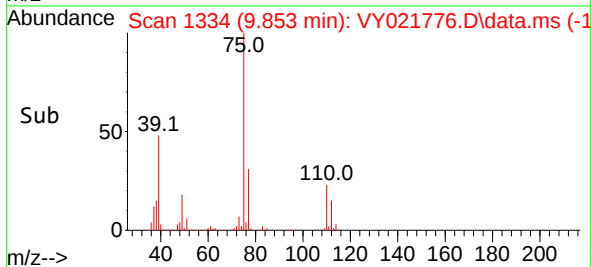
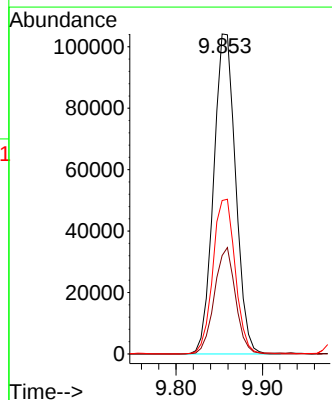
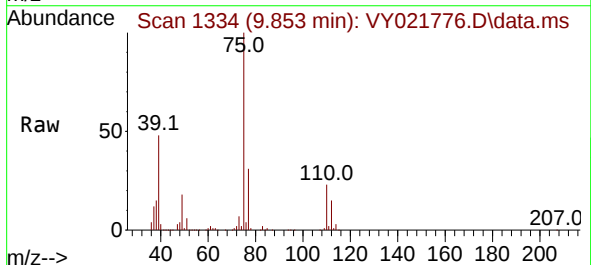
Manual Integrations
APPROVED

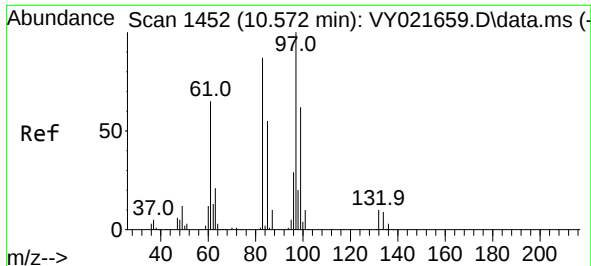
Reviewed By :Mahesh Dadoda 04/07/2025
Supervised By :Semsettin Yesilyurt 04/07/2025



#54
cis-1,3-Dichloropropene
Concen: 48.979 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. 0.000 min
Lab File: VY021776.D
Acq: 04 Apr 2025 09:22

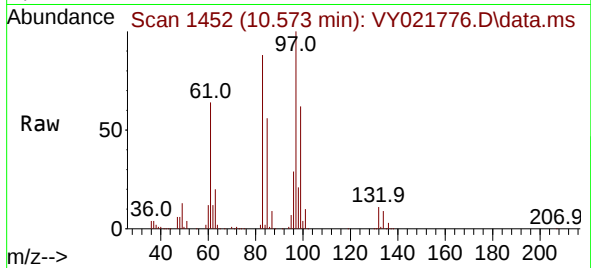
Tgt Ion: 75 Resp: 184020
Ion Ratio Lower Upper
75 100
77 30.8 24.9 37.3
39 47.9 39.2 58.8





#55
1,1,2-Trichloroethane
Concen: 48.624 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY021776.D
Acq: 04 Apr 2025 09:22

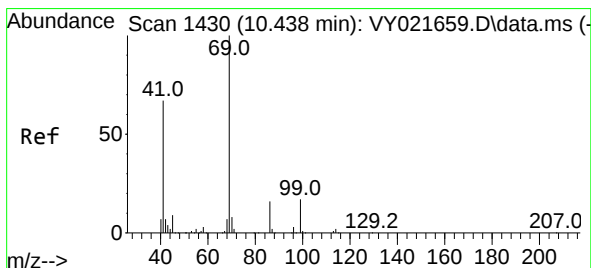
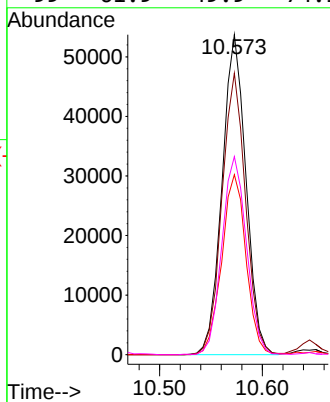
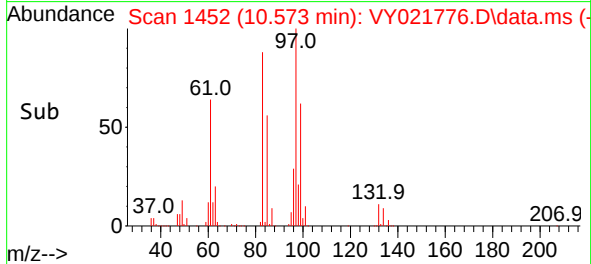
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



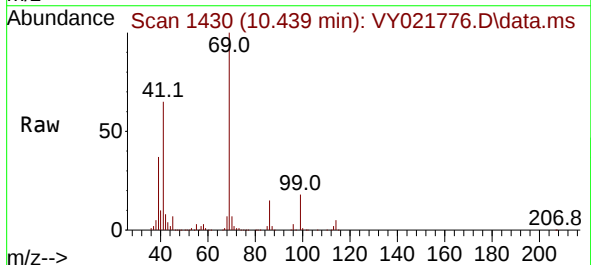
Tgt Ion: 97 Resp: 8658
Ion Ratio Lower Upper
97 100
83 88.0 69.5 104.3
85 56.2 43.9 65.9
99 61.9 49.9 74.9

Manual Integrations
APPROVED

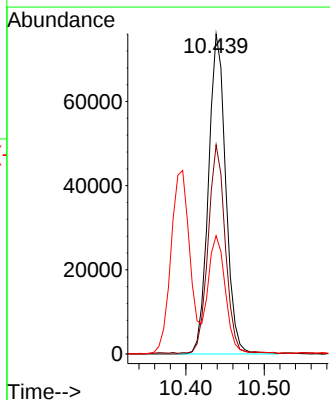
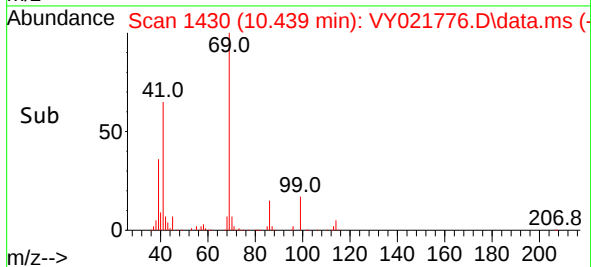
Reviewed By :Mahesh Dadoda 04/07/2025
Supervised By :Semsettin Yesilyurt 04/07/2025



#56
Ethyl methacrylate
Concen: 51.235 ug/l
RT: 10.439 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY021776.D
Acq: 04 Apr 2025 09:22



Tgt Ion: 69 Resp: 116496
Ion Ratio Lower Upper
69 100
41 64.7 53.8 80.6
39 36.1 29.6 44.4





#57

1,3-Dichloropropane

Concen: 49.355 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY021776.D

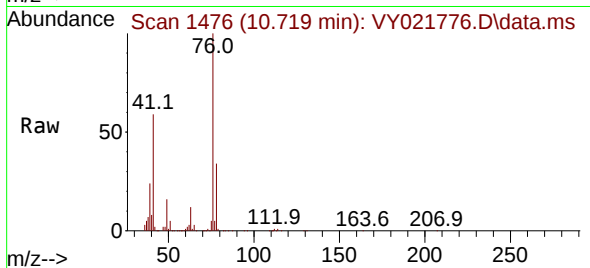
Acq: 04 Apr 2025 09:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050



Tgt Ion: 76 Resp: 15178

Ion Ratio Lower Upper

76 100

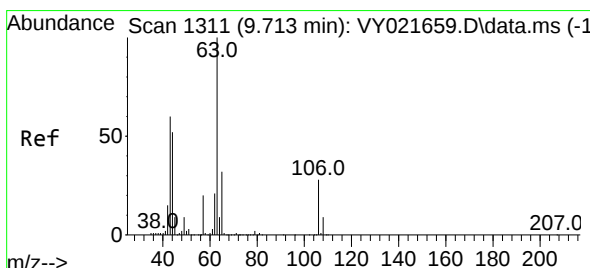
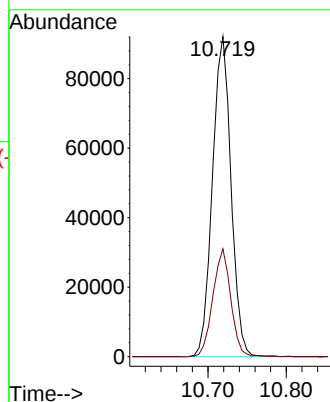
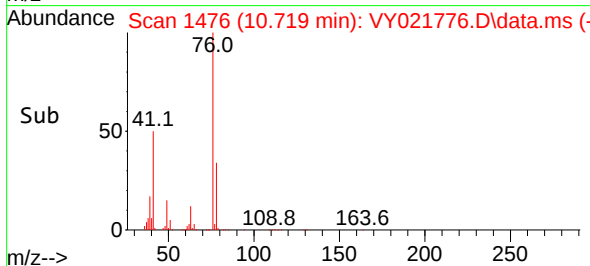
78 32.5 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/07/2025

Supervised By :Semsettin Yesilyurt 04/07/2025



#58

2-Chloroethyl Vinyl ether

Concen: 264.232 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY021776.D

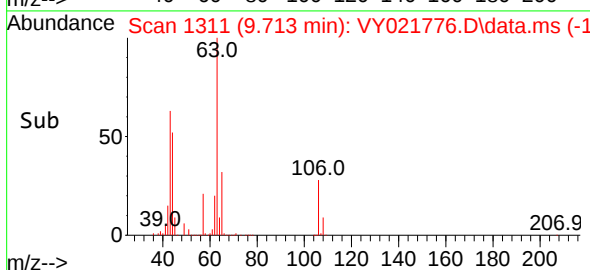
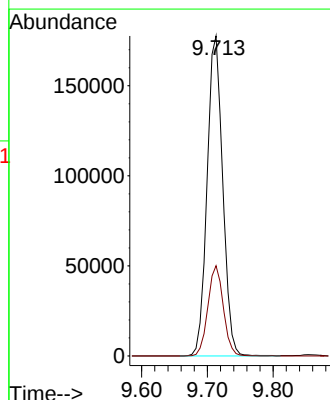
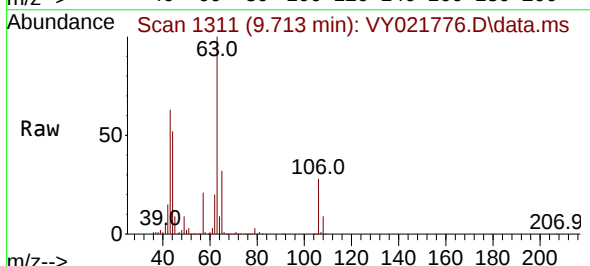
Acq: 04 Apr 2025 09:22

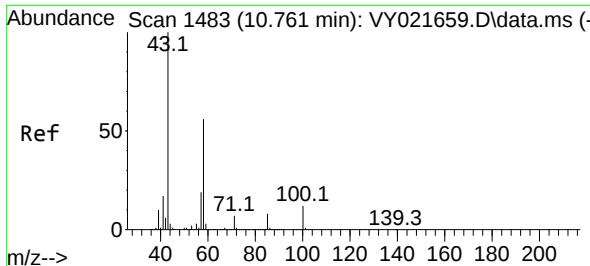
Tgt Ion: 63 Resp: 293090

Ion Ratio Lower Upper

63 100

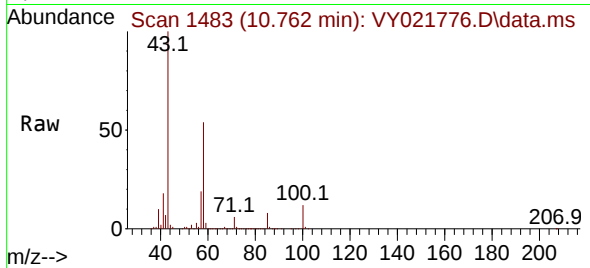
106 27.9 22.4 33.6





#59
2-Hexanone
Concen: 243.569 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY021776.D
Acq: 04 Apr 2025 09:22

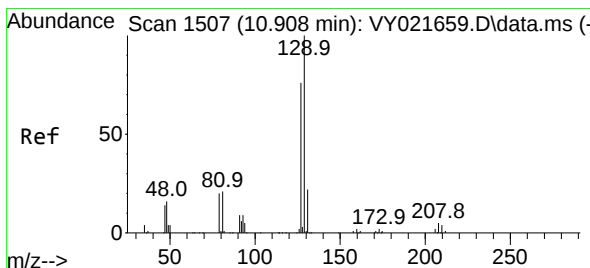
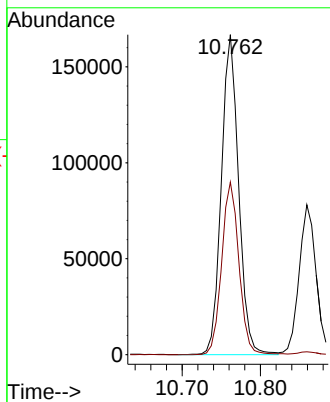
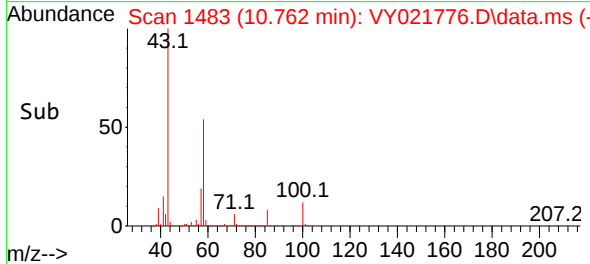
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



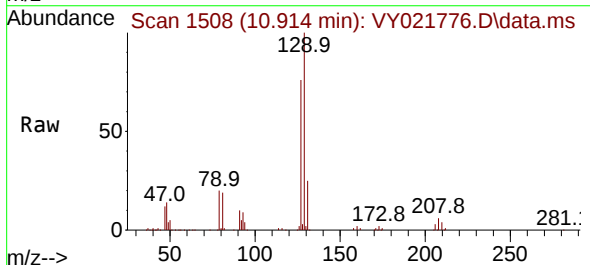
Tgt Ion: 43 Resp: 25571
Ion Ratio Lower Upper
43 100
58 54.0 27.2 81.5

Manual Integrations
APPROVED

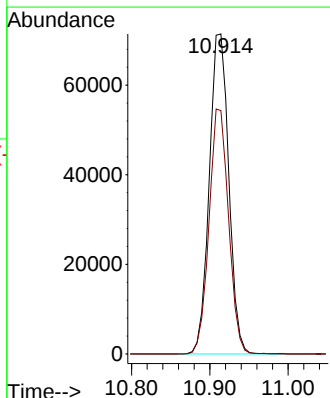
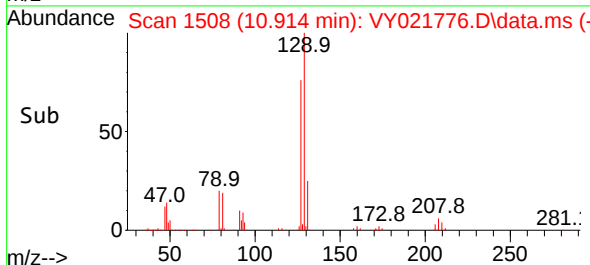
Reviewed By :Mahesh Dadoda 04/07/2025
Supervised By :Semsettin Yesilyurt 04/07/2025

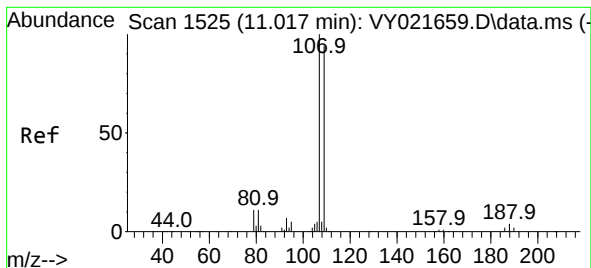


#60
Dibromochloromethane
Concen: 50.684 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY021776.D
Acq: 04 Apr 2025 09:22



Tgt Ion:129 Resp: 123226
Ion Ratio Lower Upper
129 100
127 76.7 38.6 115.7





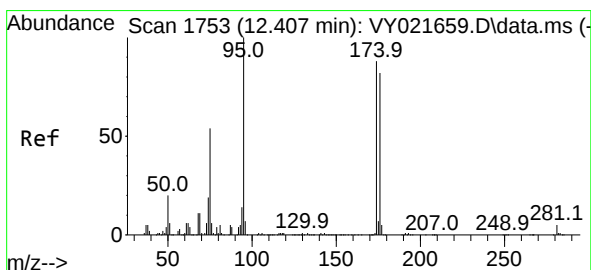
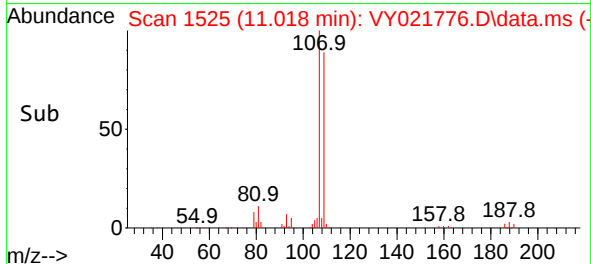
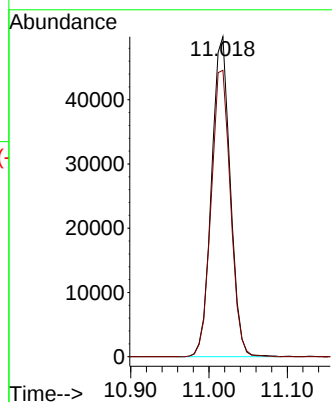
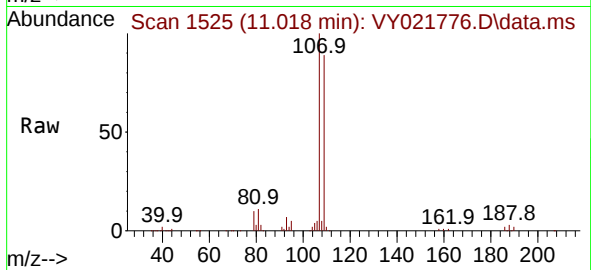
#61
1,2-Dibromoethane
Concen: 49.485 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY021776.D
Acq: 04 Apr 2025 09:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 82662
Ion Ratio Lower Upper
107 100
109 92.4 74.4 111.6

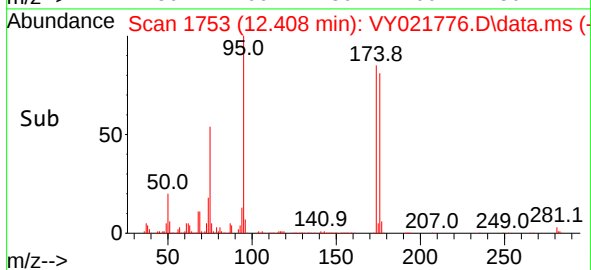
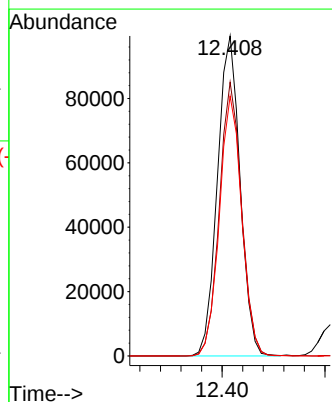
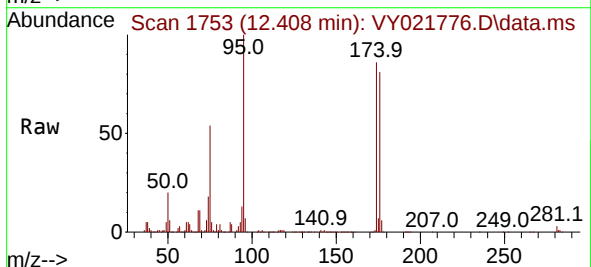
Manual Integrations
APPROVED

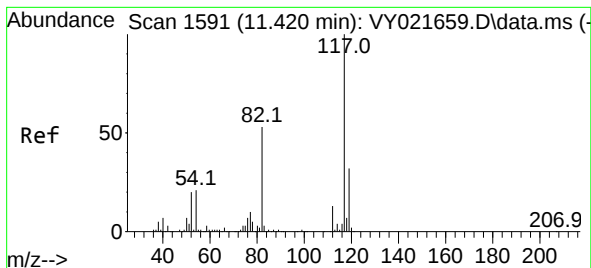
Reviewed By :Mahesh Dadoda 04/07/2025
Supervised By :Semsettin Yesilyurt 04/07/2025



#62
4-Bromofluorobenzene
Concen: 52.928 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021776.D
Acq: 04 Apr 2025 09:22

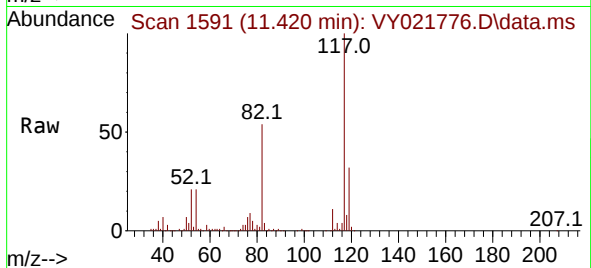
Tgt Ion: 95 Resp: 151449
Ion Ratio Lower Upper
95 100
174 84.1 0.0 170.8
176 80.4 0.0 162.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021776.D
Acq: 04 Apr 2025 09:22

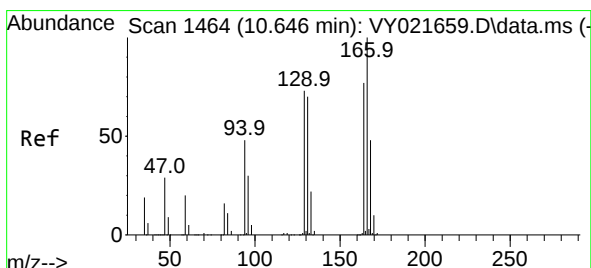
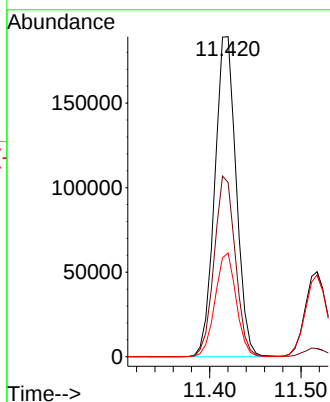
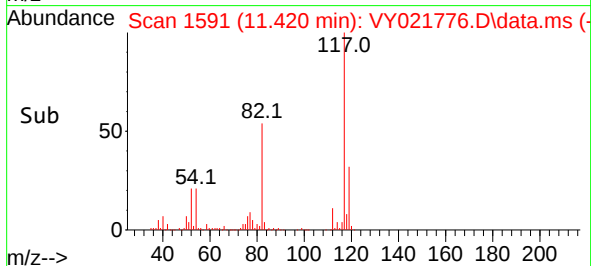
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 30877
Ion Ratio Lower Upper
117 100
82 54.4 42.8 64.2
119 32.4 25.7 38.5

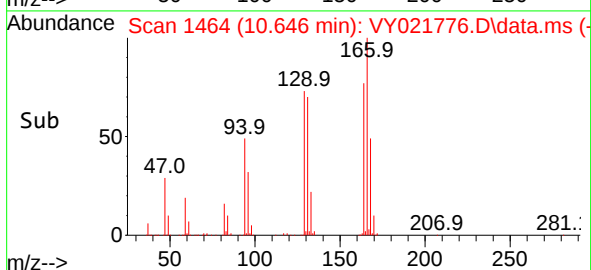
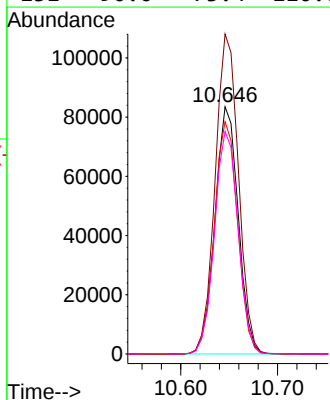
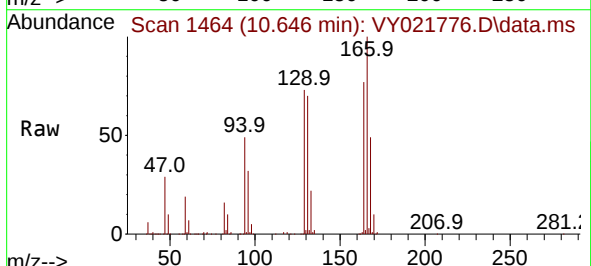
Manual Integrations
APPROVED

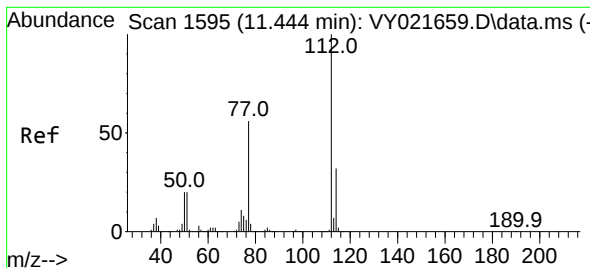
Reviewed By :Mahesh Dadoda 04/07/2025
Supervised By :Semsettin Yesilyurt 04/07/2025



#64
Tetrachloroethene
Concen: 49.667 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VY021776.D
Acq: 04 Apr 2025 09:22

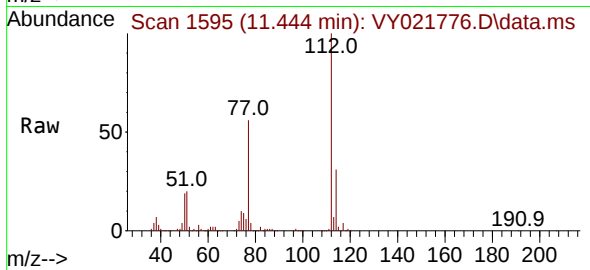
Tgt Ion:164 Resp: 139676
Ion Ratio Lower Upper
164 100
166 129.4 104.6 156.8
129 93.9 76.6 114.8
131 90.0 73.4 110.0





#65
Chlorobenzene
Concen: 48.533 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VY021776.D
Acq: 04 Apr 2025 09:22

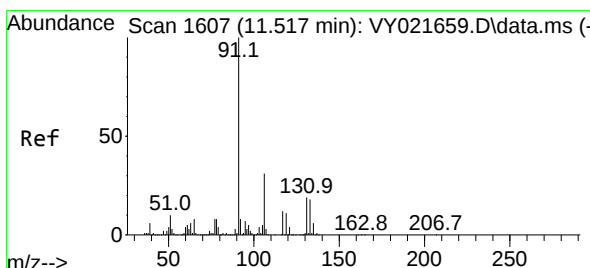
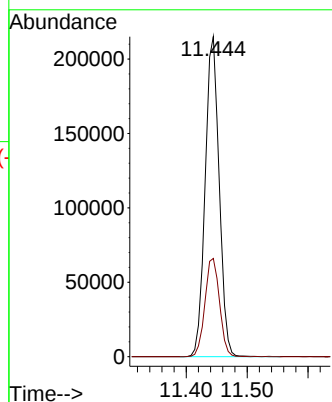
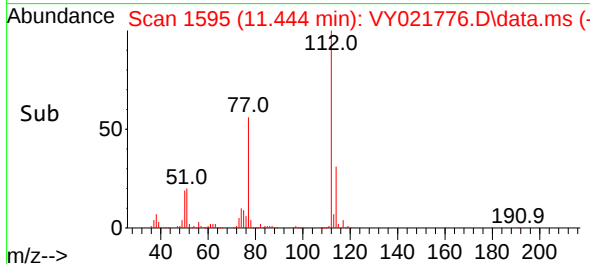
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



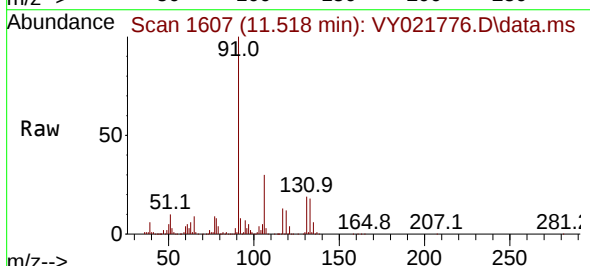
Tgt Ion:112 Resp: 34352
Ion Ratio Lower Upper
112 100
114 30.7 25.9 38.9

Manual Integrations
APPROVED

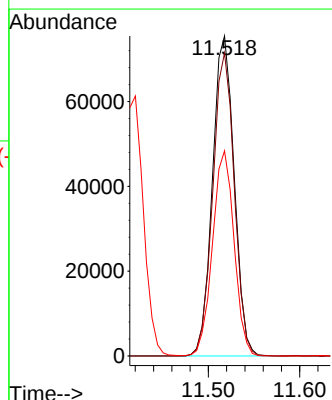
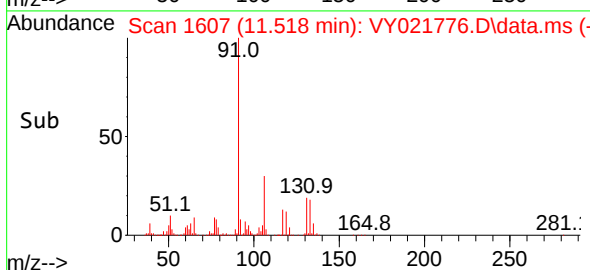
Reviewed By :Mahesh Dadoda 04/07/2025
Supervised By :Semsettin Yesilyurt 04/07/2025

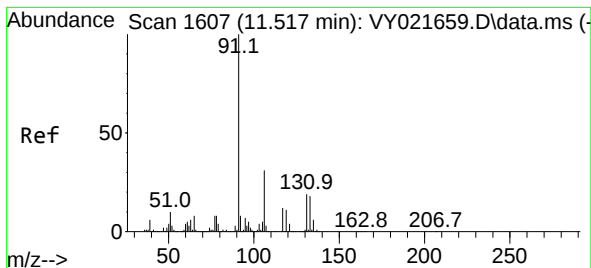


#66
1,1,1,2-Tetrachloroethane
Concen: 49.482 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021776.D
Acq: 04 Apr 2025 09:22



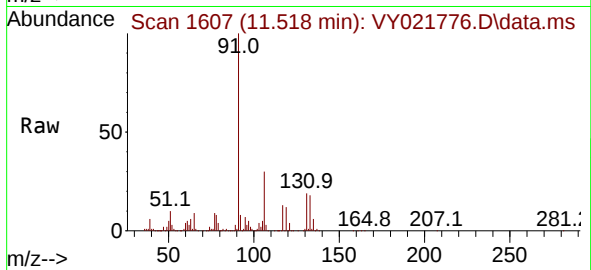
Tgt Ion:131 Resp: 124267
Ion Ratio Lower Upper
131 100
133 94.0 47.3 141.8
119 63.8 31.6 95.0





#67
Ethyl Benzene
Concen: 50.727 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021776.D
Acq: 04 Apr 2025 09:22

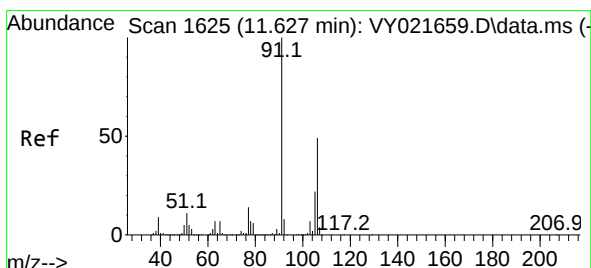
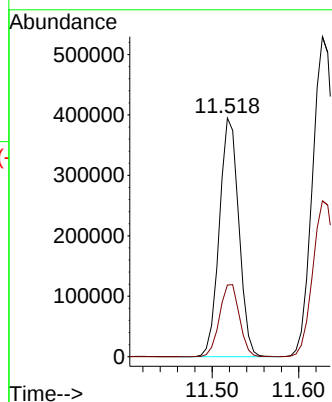
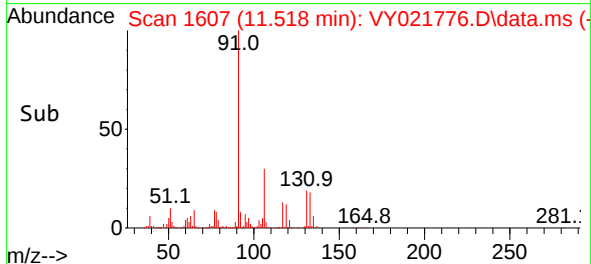
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 615700
Ion Ratio Lower Upper
91 100
106 30.0 24.6 36.8

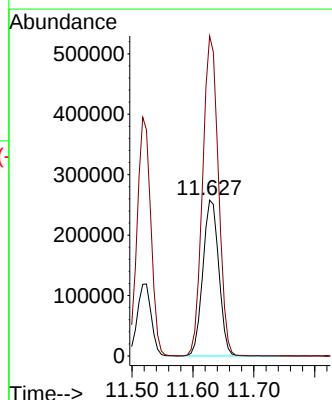
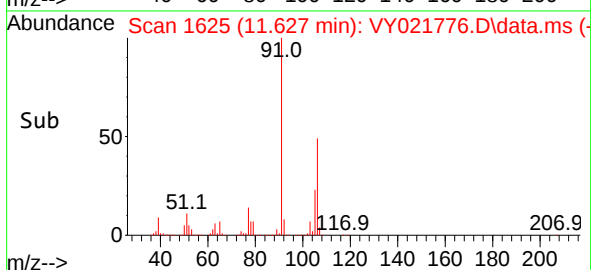
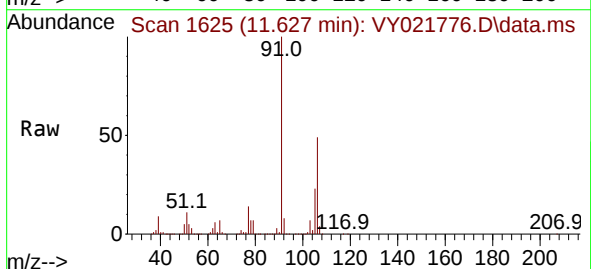
Manual Integrations
APPROVED

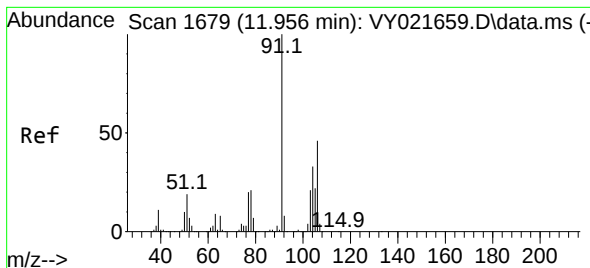
Reviewed By :Mahesh Dadoda 04/07/2025
Supervised By :Semsettin Yesilyurt 04/07/2025



#68
m/p-Xylenes
Concen: 101.155 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.000 min
Lab File: VY021776.D
Acq: 04 Apr 2025 09:22

Tgt Ion:106 Resp: 470149
Ion Ratio Lower Upper
106 100
91 203.2 162.4 243.6





#69

o-Xylene

Concen: 50.688 ug/l

RT: 11.957 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021776.D

Acq: 04 Apr 2025 09:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:106 Resp: 21746

Ion Ratio Lower Upper

106 100

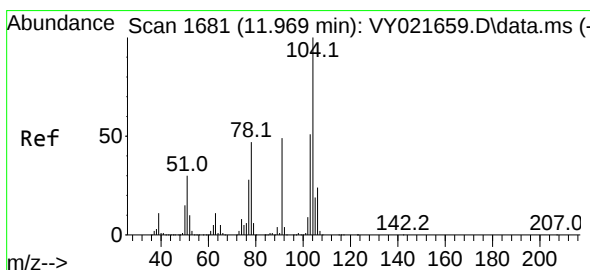
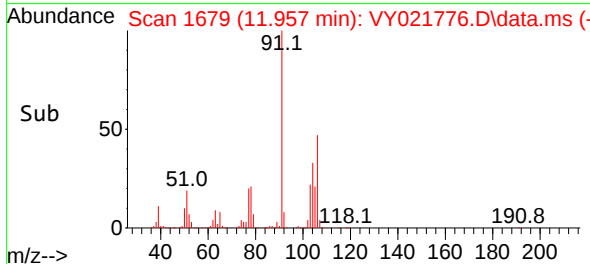
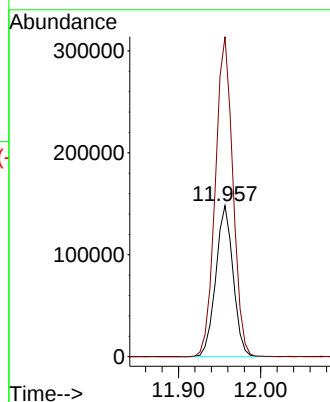
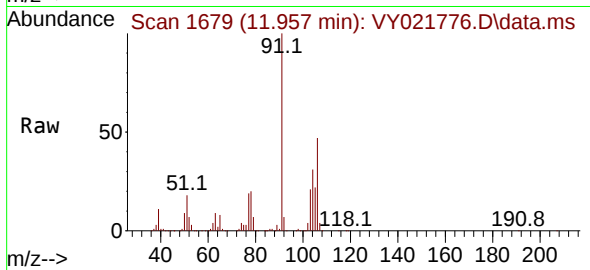
91 215.1 106.7 319.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/07/2025

Supervised By :Semsettin Yesilyurt 04/07/2025



#70

Styrene

Concen: 51.933 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY021776.D

Acq: 04 Apr 2025 09:22

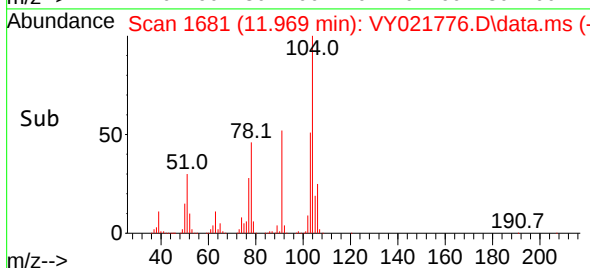
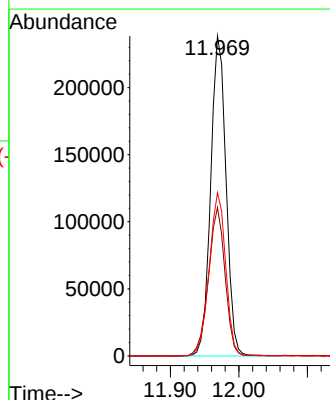
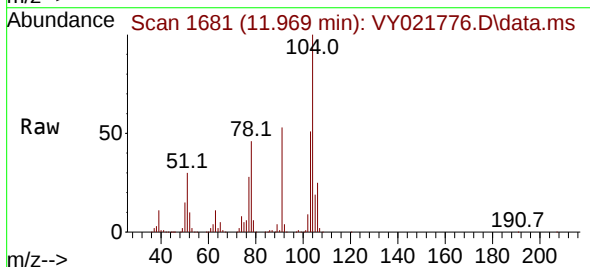
Tgt Ion:104 Resp: 371495

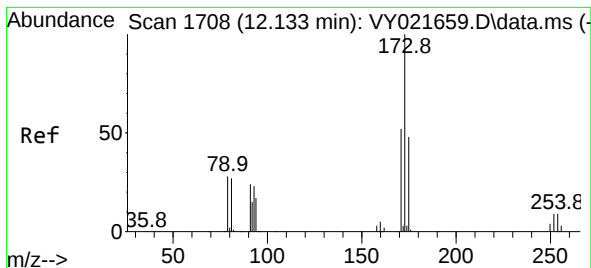
Ion Ratio Lower Upper

104 100

78 50.2 40.8 61.2

103 54.8 44.2 66.2





#71

Bromoform

Concen: 49.056 ug/l

RT: 12.133 min Scan# 1708

Delta R.T. 0.000 min

Lab File: VY021776.D

Acq: 04 Apr 2025 09:22

Instrument :

MSVOA_Y

ClientSampleId :

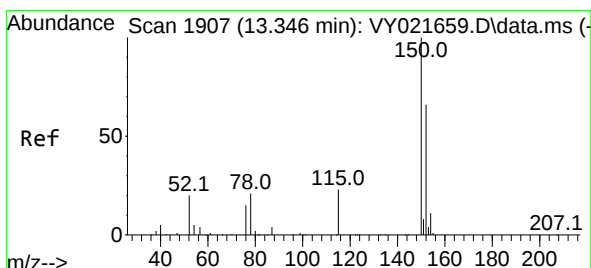
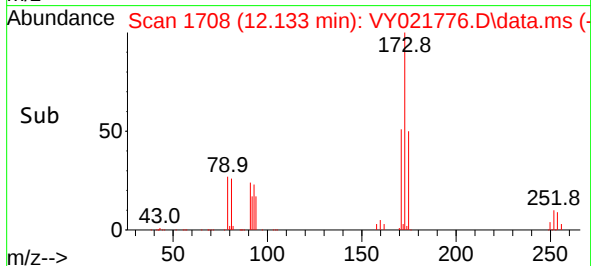
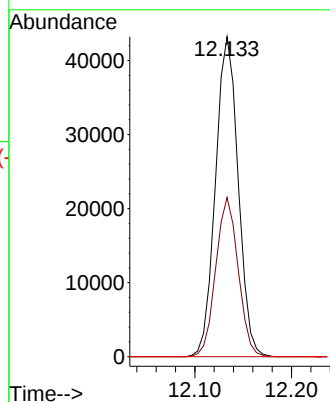
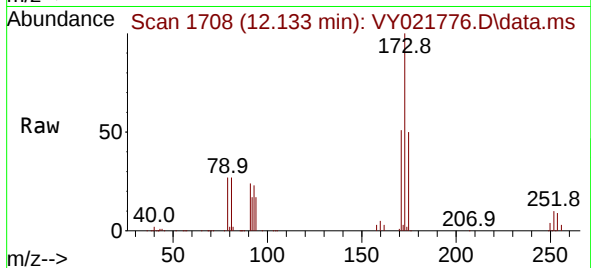
VSTDCCC050

Tgt Ion:173	Resp:	7027
Ion Ratio	Lower	Upper
173	100	
175	49.0	24.3 73.0
254	0.0	0.1 0.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/07/2025
Supervised By :Semsettin Yesilyurt 04/07/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

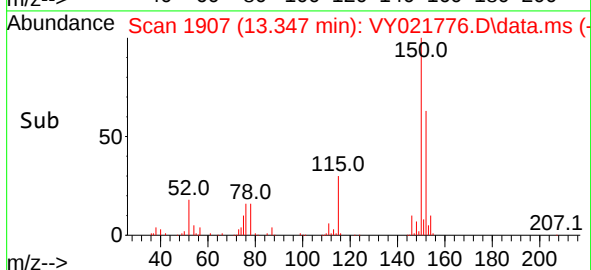
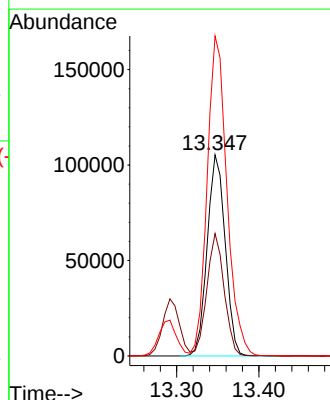
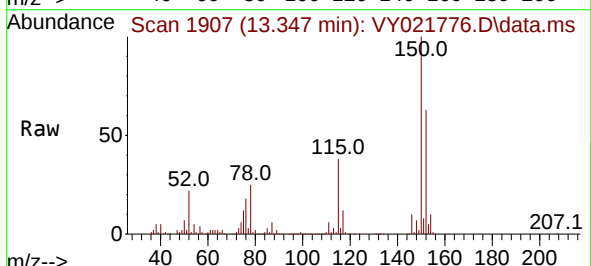
RT: 13.347 min Scan# 1907

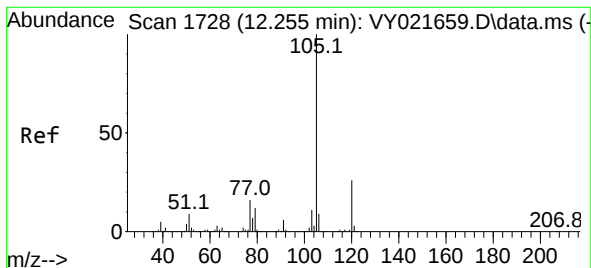
Delta R.T. 0.000 min

Lab File: VY021776.D

Acq: 04 Apr 2025 09:22

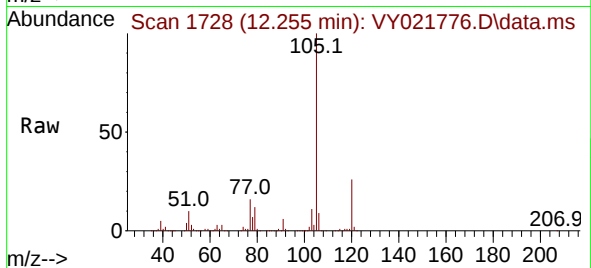
Tgt Ion:152	Resp:	160179
Ion Ratio	Lower	Upper
152	100	
115	58.5	28.8 86.5
150	174.4	0.0 348.4





#73
Isopropylbenzene
Concen: 49.152 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VY021776.D
Acq: 04 Apr 2025 09:22

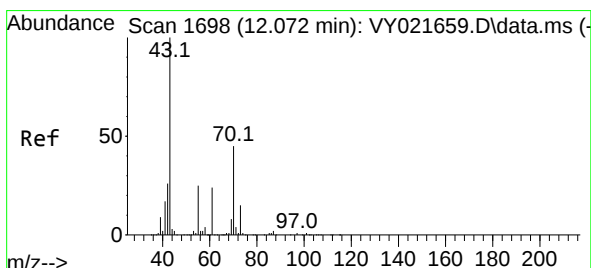
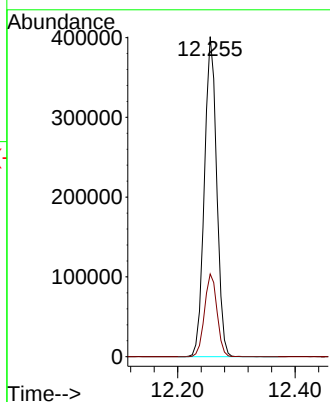
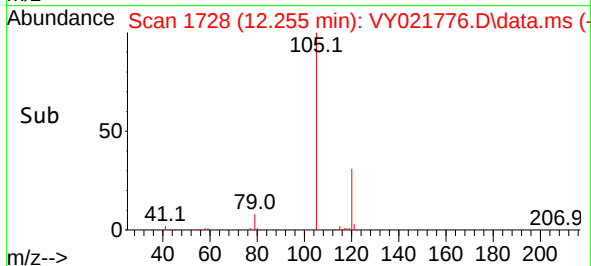
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:105 Resp: 584770
Ion Ratio Lower Upper
105 100
120 26.2 13.2 39.5

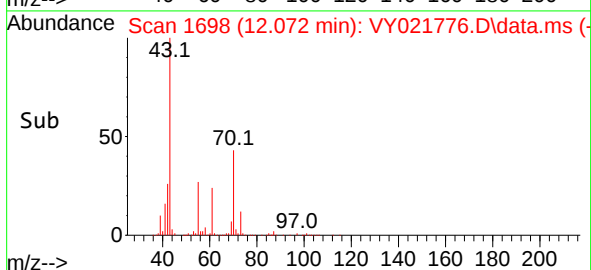
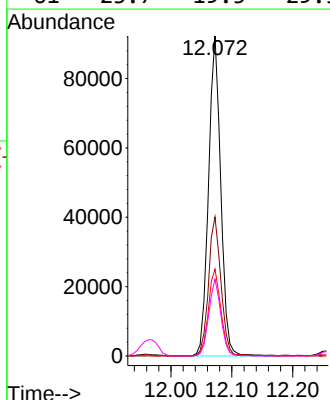
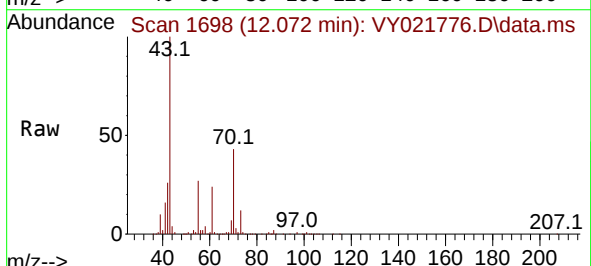
Manual Integrations
APPROVED

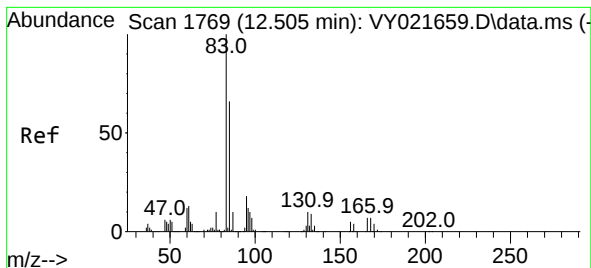
Reviewed By :Mahesh Dadoda 04/07/2025
Supervised By :Semsettin Yesilyurt 04/07/2025



#74
N-ethyl acetate
Concen: 46.159 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY021776.D
Acq: 04 Apr 2025 09:22

Tgt Ion: 43 Resp: 128883
Ion Ratio Lower Upper
43 100
70 44.1 34.7 52.1
55 27.9 21.2 31.8
61 23.7 19.5 29.3





#75

1,1,2,2-Tetrachloroethane

Concen: 44.226 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY021776.D

Acq: 04 Apr 2025 09:22

Instrument :

MSVOA_Y

ClientSampleId :

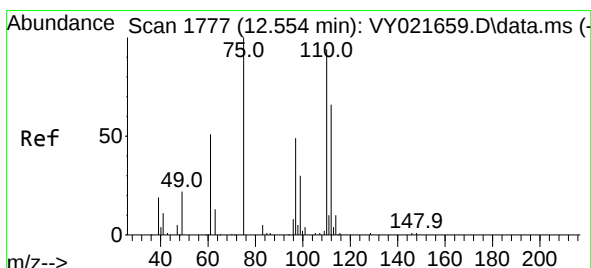
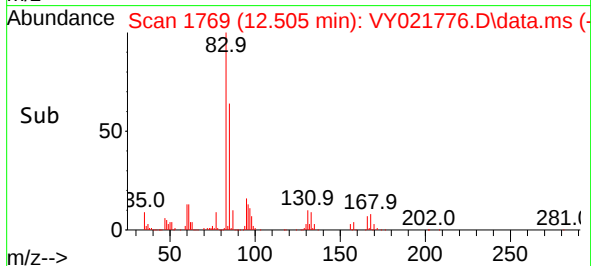
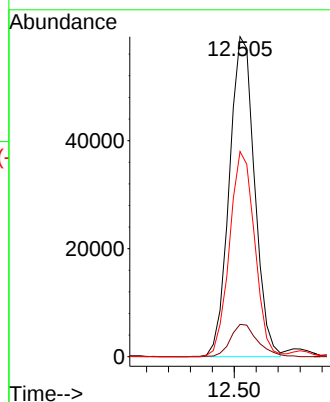
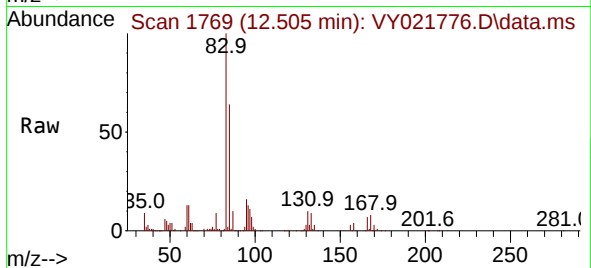
VSTDCCC050

Tgt Ion: 83 Resp: 94598
 Ion Ratio Lower Upper
 83 100
 131 10.9 5.1 15.3
 85 64.0 32.3 96.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/07/2025
 Supervised By :Semsettin Yesilyurt 04/07/2025



#76

1,2,3-Trichloropropane

Concen: 48.426 ug/l m

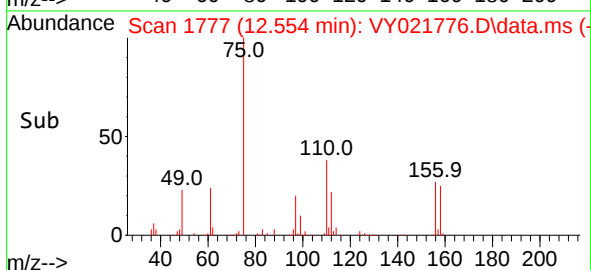
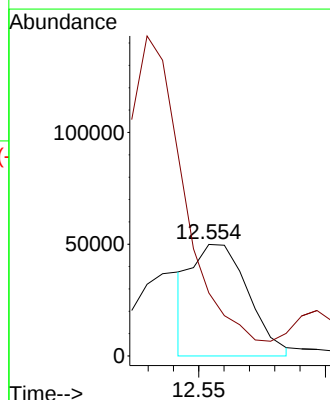
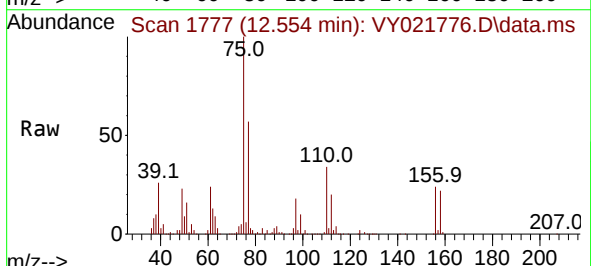
RT: 12.554 min Scan# 1777

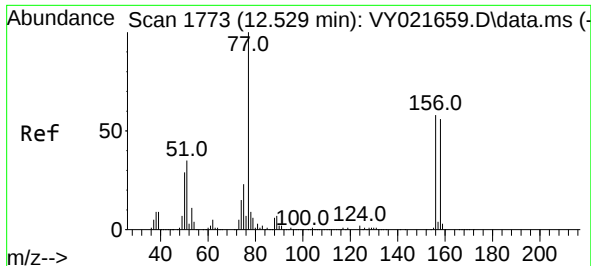
Delta R.T. 0.000 min

Lab File: VY021776.D

Acq: 04 Apr 2025 09:22

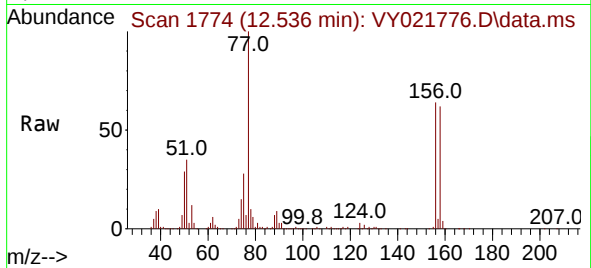
Tgt Ion: 75 Resp: 76890
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 47.465 ug/l
RT: 12.536 min Scan# 1773
Delta R.T. 0.006 min
Lab File: VY021776.D
Acq: 04 Apr 2025 09:22

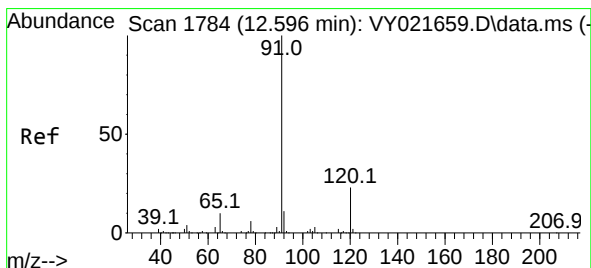
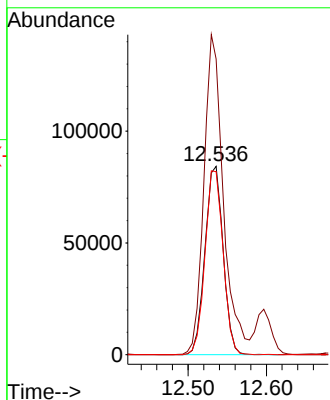
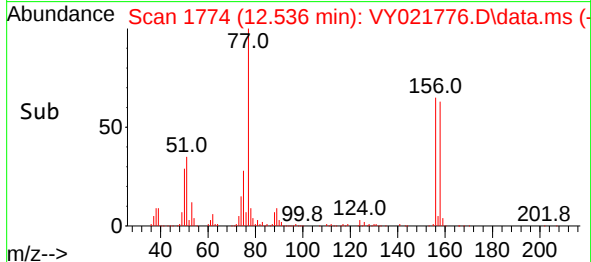
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



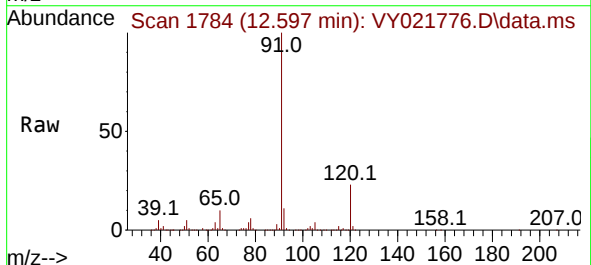
Tgt Ion: 156 Resp: 13558
Ion Ratio Lower Upper
156 100
77 182.2 92.8 278.3
158 97.4 48.5 145.6

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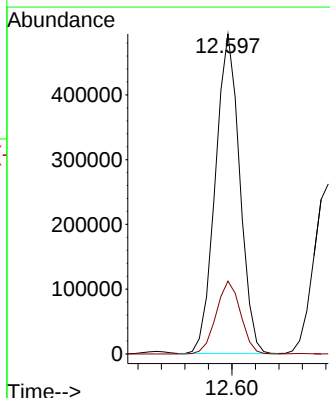
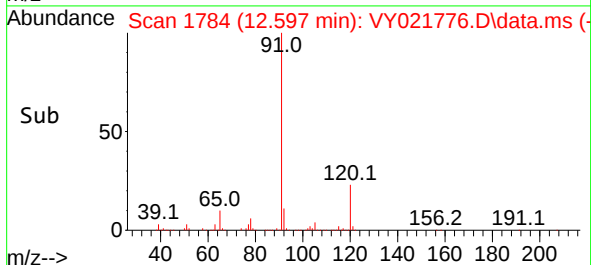
Reviewed By :Mahesh Dadoda 04/07/2025
Supervised By :Semsettin Yesilyurt 04/07/2025

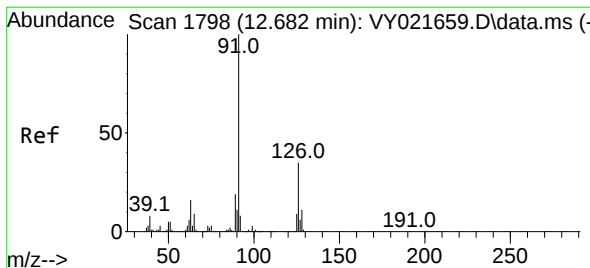


#78
n-propylbenzene
Concen: 49.780 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY021776.D
Acq: 04 Apr 2025 09:22



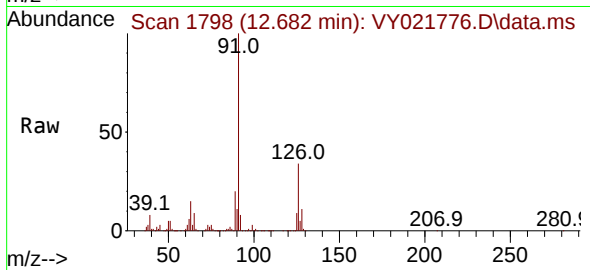
Tgt Ion: 91 Resp: 712013
Ion Ratio Lower Upper
91 100
120 22.8 11.3 33.9





#79
2-Chlorotoluene
Concen: 48.532 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.000 min
Lab File: VY021776.D
Acq: 04 Apr 2025 09:22

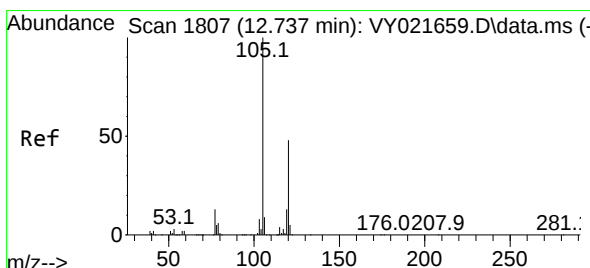
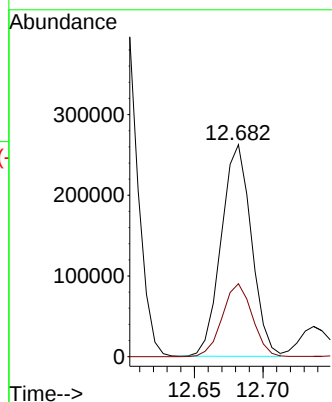
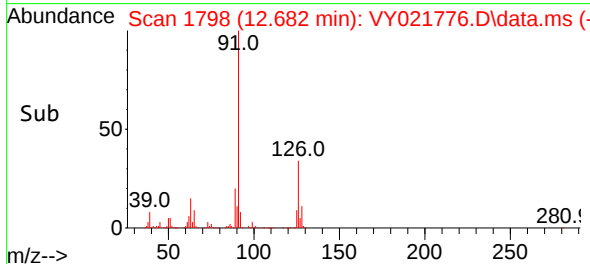
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



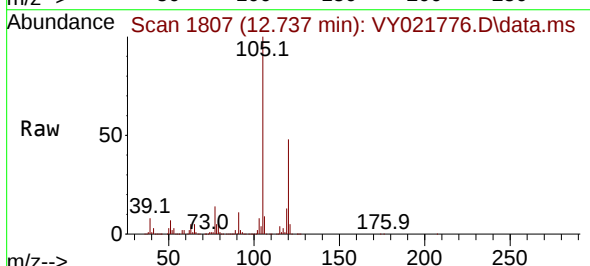
Tgt Ion: 91 Resp: 403179
Ion Ratio Lower Upper
91 100
126 34.2 17.3 52.0

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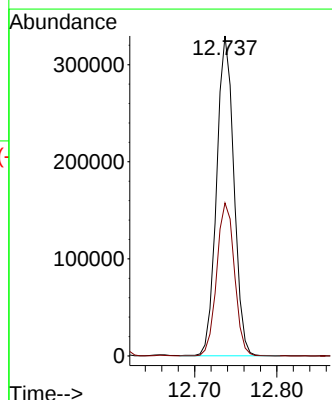
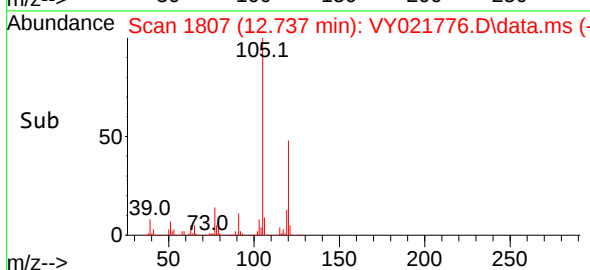
Reviewed By :Mahesh Dadoda 04/07/2025
Supervised By :Semsettin Yesilyurt 04/07/2025

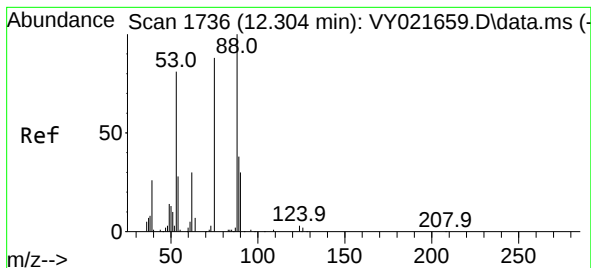


#80
1,3,5-Trimethylbenzene
Concen: 49.401 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY021776.D
Acq: 04 Apr 2025 09:22



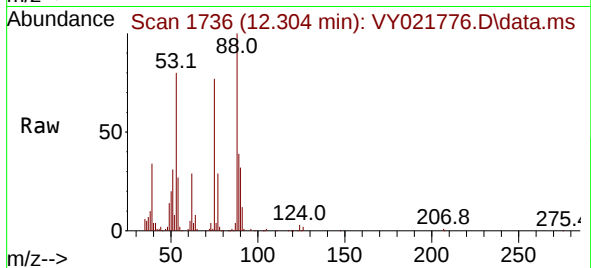
Tgt Ion:105 Resp: 480341
Ion Ratio Lower Upper
105 100
120 49.2 24.5 73.5





#81
trans-1,4-Dichloro-2-butene
Concen: 44.380 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY021776.D
Acq: 04 Apr 2025 09:22

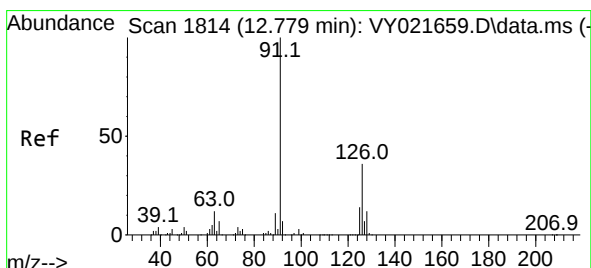
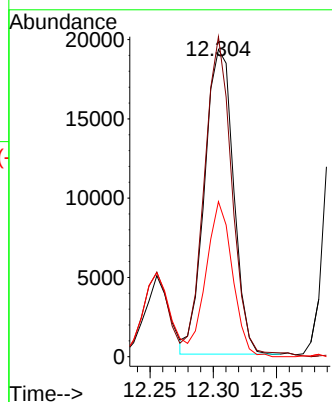
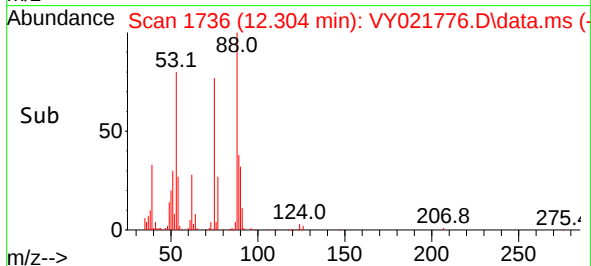
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 30582
Ion Ratio Lower Upper
75 100
53 101.1 76.1 114.1
89 46.2 36.2 54.4

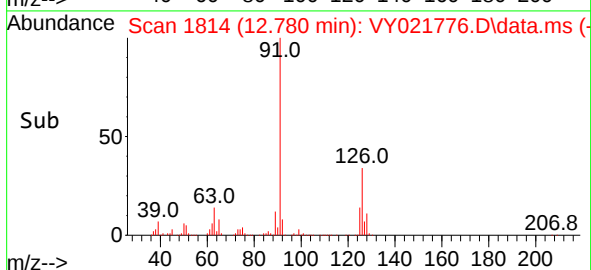
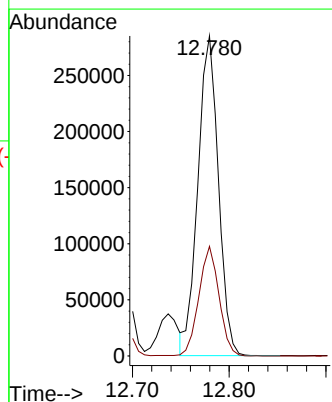
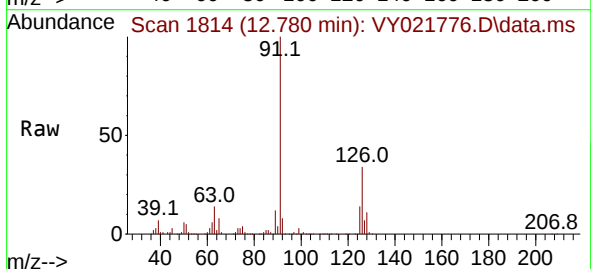
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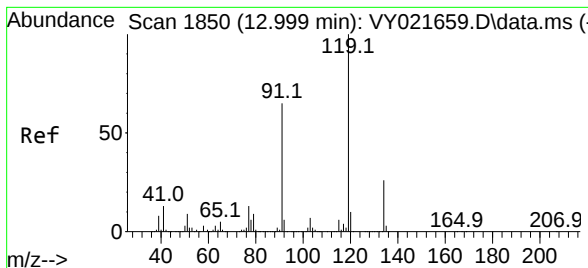
Reviewed By :Mahesh Dadoda 04/07/2025
Supervised By :Semsettin Yesilyurt 04/07/2025



#82
4-Chlorotoluene
Concen: 48.519 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021776.D
Acq: 04 Apr 2025 09:22

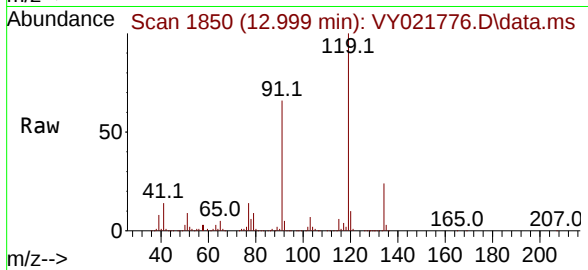
Tgt Ion: 91 Resp: 420225
Ion Ratio Lower Upper
91 100
126 33.8 17.0 50.9





#83
tert-Butylbenzene
Concen: 48.759 ug/l
RT: 12.999 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VY021776.D
Acq: 04 Apr 2025 09:22

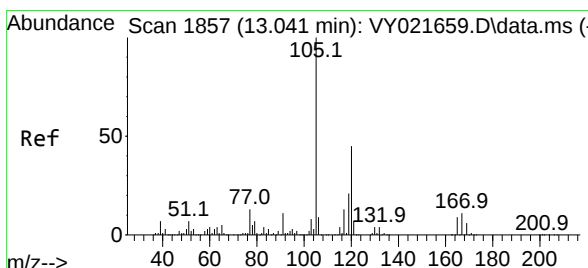
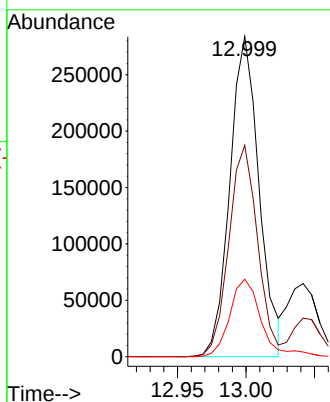
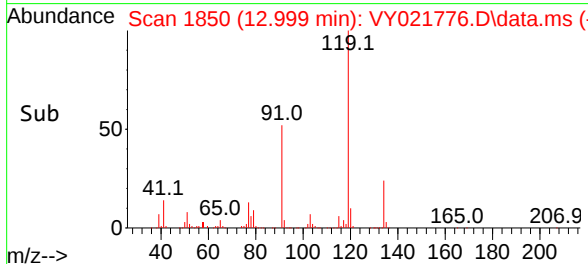
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



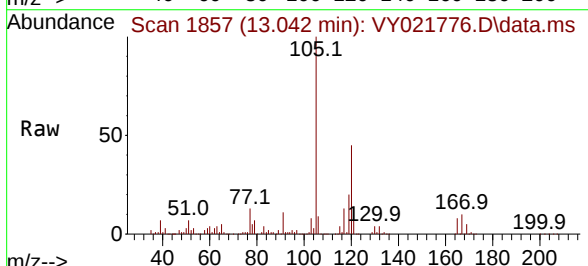
Tgt Ion:119 Resp: 422284
Ion Ratio Lower Upper
119 100
91 64.8 32.6 97.7
134 25.9 13.2 39.6

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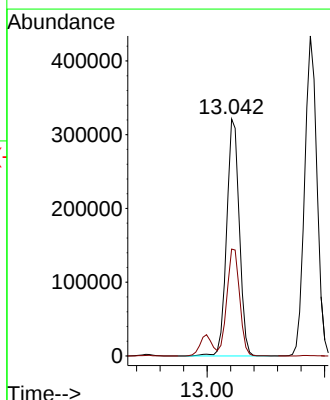
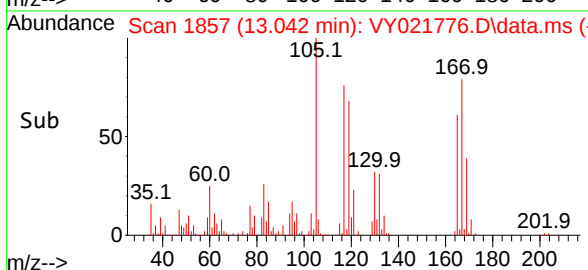
Reviewed By :Mahesh Dadoda 04/07/2025
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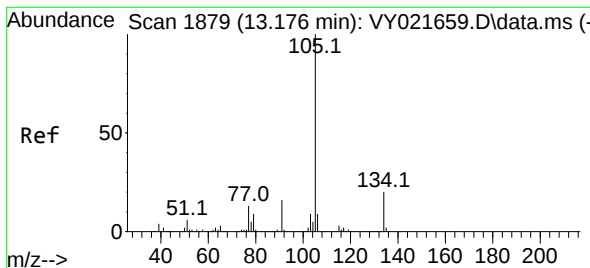


#84
1,2,4-Trimethylbenzene
Concen: 50.015 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. 0.000 min
Lab File: VY021776.D
Acq: 04 Apr 2025 09:22



Tgt Ion:105 Resp: 480654
Ion Ratio Lower Upper
105 100
120 45.4 22.7 68.1





#85

sec-Butylbenzene

Concen: 49.626 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY021776.D

Acq: 04 Apr 2025 09:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 628090

Ion Ratio Lower Upper

105 100

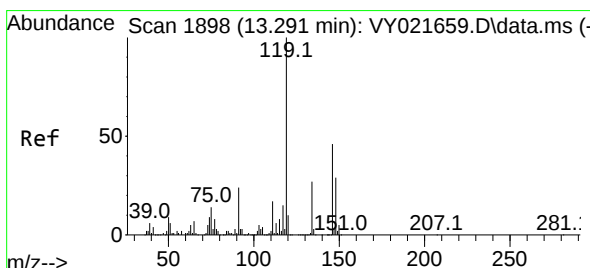
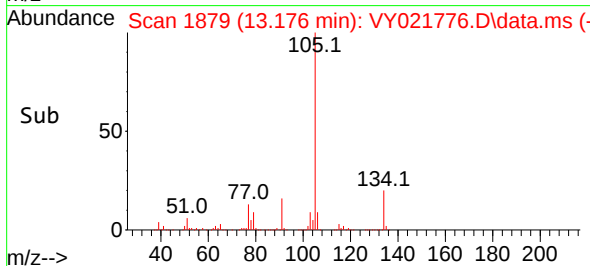
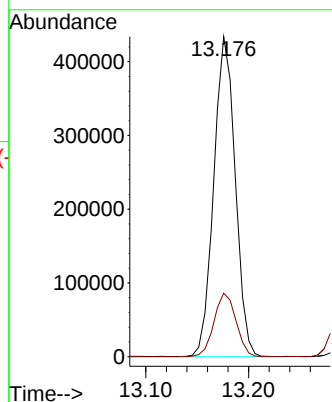
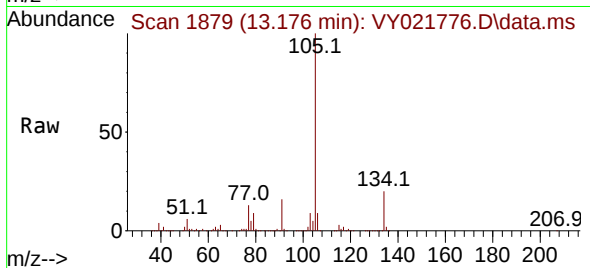
134 20.3 10.1 30.1

Manual Integrations

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Reviewed By :Mahesh Dadoda 04/07/2025

Supervised By :Semsettin Yesilyurt 04/07/2025



#86

p-Isopropyltoluene

Concen: 50.469 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY021776.D

Acq: 04 Apr 2025 09:22

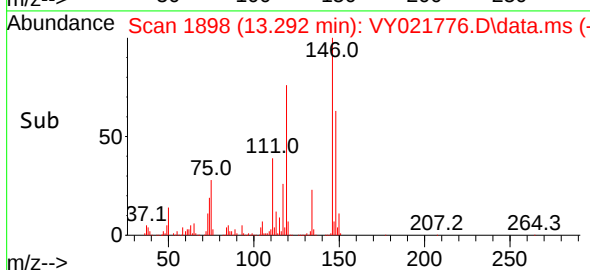
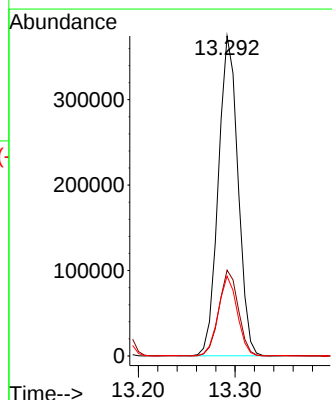
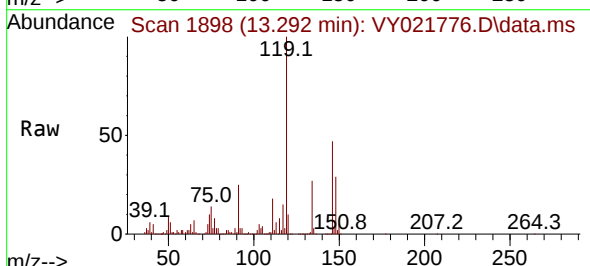
Tgt Ion:119 Resp: 527940

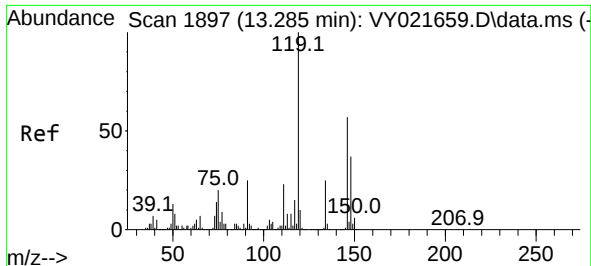
Ion Ratio Lower Upper

119 100

134 26.5 13.2 39.5

91 24.2 12.0 36.0





#87

1,3-Dichlorobenzene

Concen: 47.936 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.006 min

Lab File: VY021776.D

Acq: 04 Apr 2025 09:22

Instrument :

MSVOA_Y

ClientSampleId :

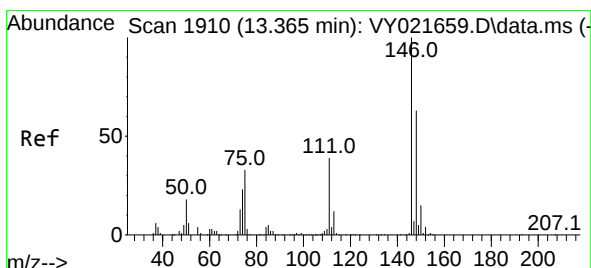
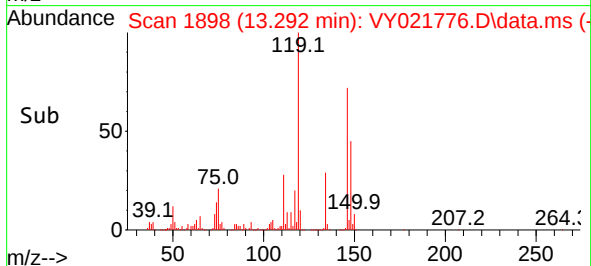
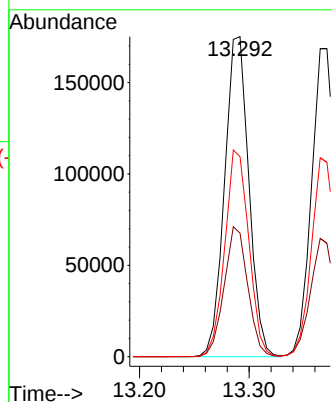
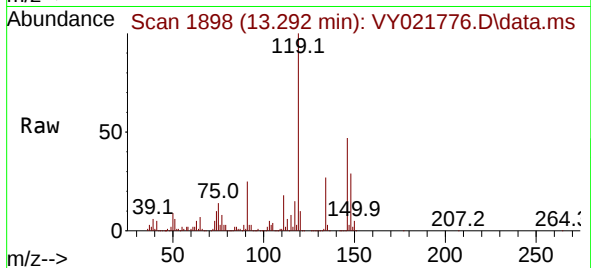
VSTDCCC050

Tgt Ion:	146	Resp:	269775
Ion Ratio	Lower	Upper	
146	100		
111	39.6	20.0	60.0
148	63.8	31.8	95.4

Manual Integrations

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#88

1,4-Dichlorobenzene

Concen: 47.658 ug/l

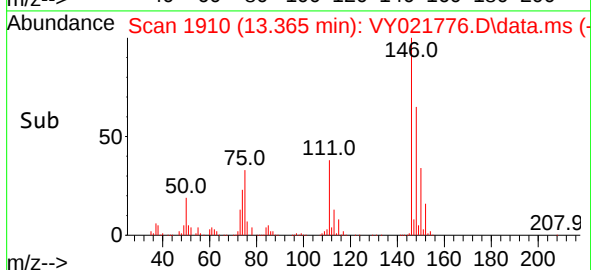
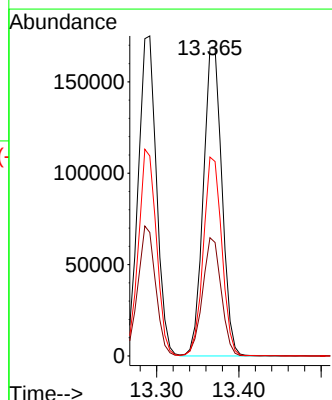
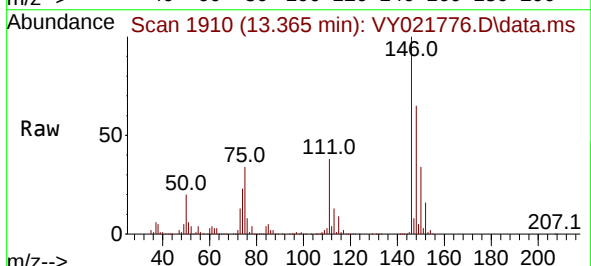
RT: 13.365 min Scan# 1910

Delta R.T. 0.000 min

Lab File: VY021776.D

Acq: 04 Apr 2025 09:22

Tgt Ion:	146	Resp:	264990
Ion Ratio	Lower	Upper	
146	100		
111	38.4	19.1	57.1
148	64.1	31.5	94.5





#89

n-Butylbenzene

Concen: 50.346 ug/l

RT: 13.621 min Scan# 1951

Delta R.T. 0.006 min

Lab File: VY021776.D

Acq: 04 Apr 2025 09:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 48705

Ion Ratio Lower Upper

91 100

92 53.1 26.4 79.2

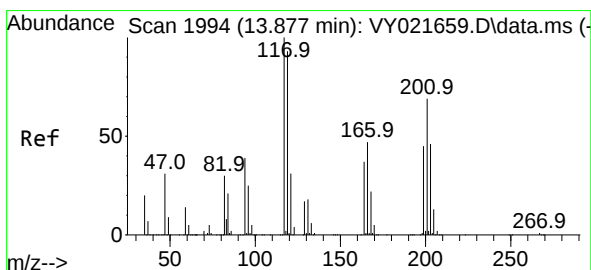
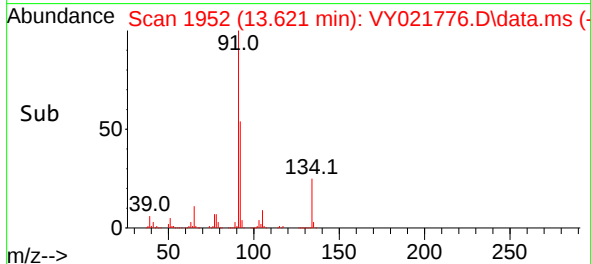
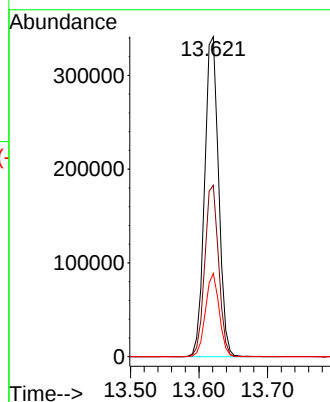
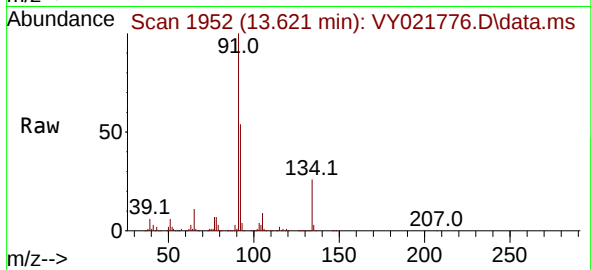
134 25.5 12.8 38.4

Manual Integrations

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#90

Hexachloroethane

Concen: 48.010 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.006 min

Lab File: VY021776.D

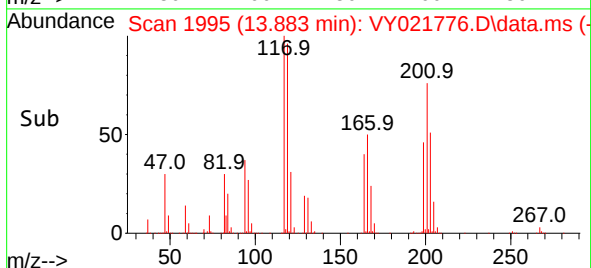
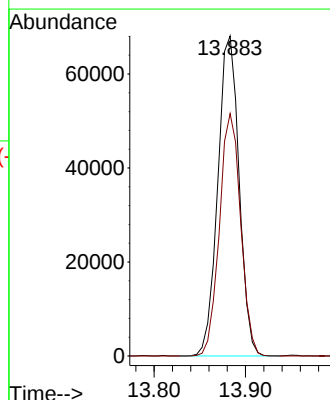
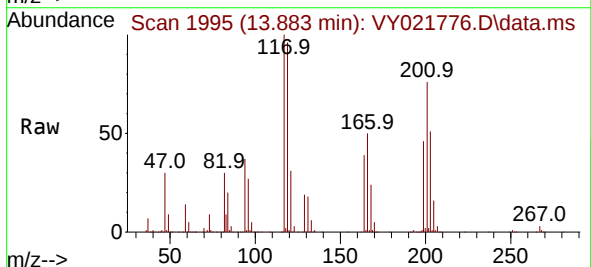
Acq: 04 Apr 2025 09:22

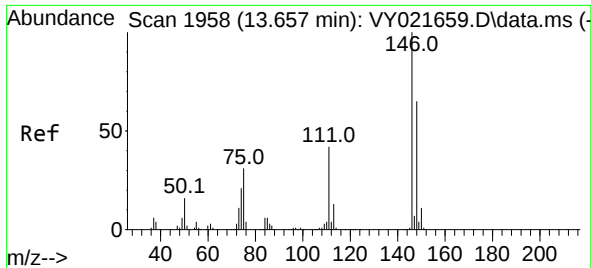
Tgt Ion:117 Resp: 110054

Ion Ratio Lower Upper

117 100

201 75.4 37.4 112.1





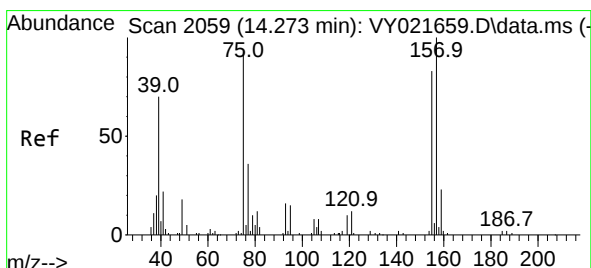
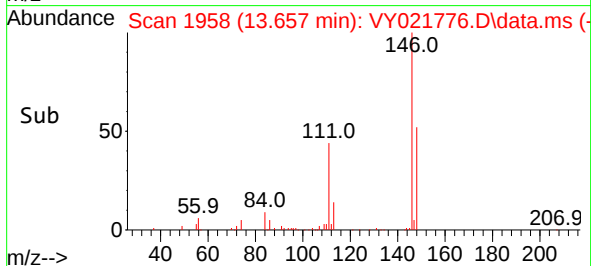
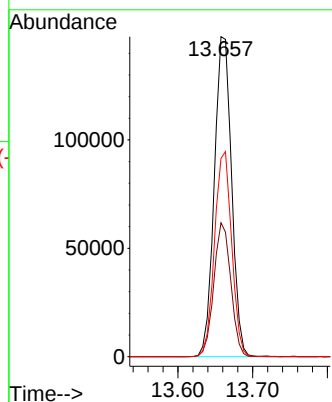
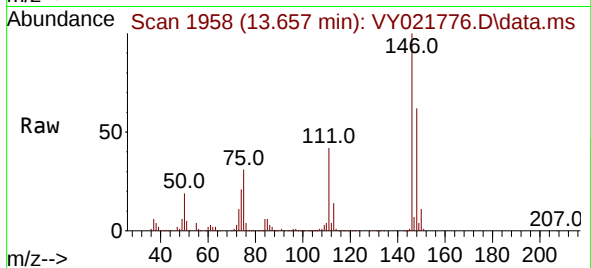
#91
1,2-Dichlorobenzene
Concen: 48.364 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VY021776.D
Acq: 04 Apr 2025 09:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 23693
Ion Ratio Lower Upper
146 100
111 41.1 20.7 62.1
148 63.5 32.3 96.9

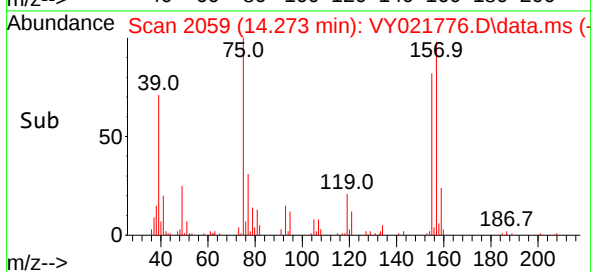
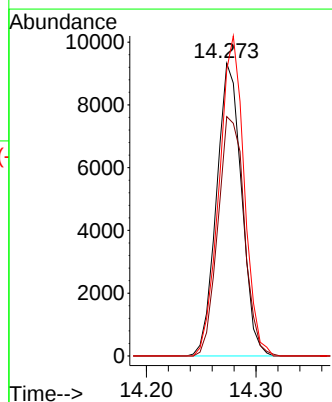
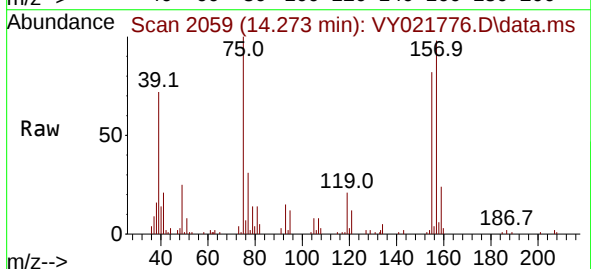
Manual Integrations
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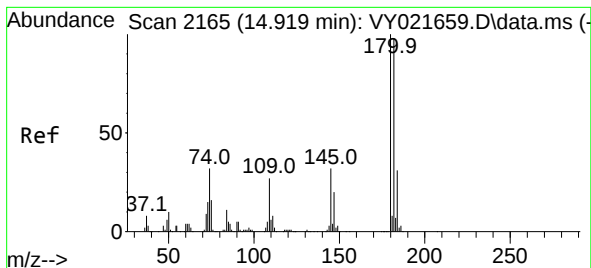
Reviewed By :Mahesh Dadoda 04/07/2025
Supervised By :Semsettin Yesilyurt 04/07/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 44.709 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY021776.D
Acq: 04 Apr 2025 09:22

Tgt Ion: 75 Resp: 14822
Ion Ratio Lower Upper
75 100
155 85.7 43.0 128.8
157 109.0 54.0 162.0





#93

1,2,4-Trichlorobenzene

Concen: 49.367 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY021776.D

Acq: 04 Apr 2025 09:22

Instrument :

MSVOA_Y

ClientSampleId :

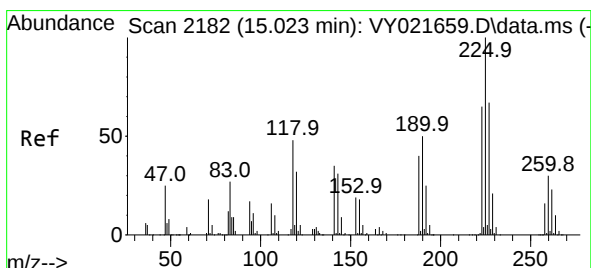
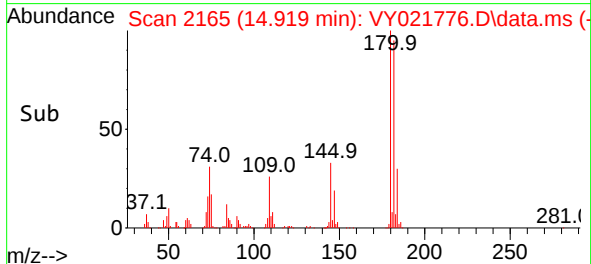
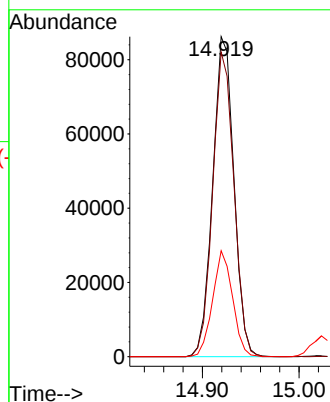
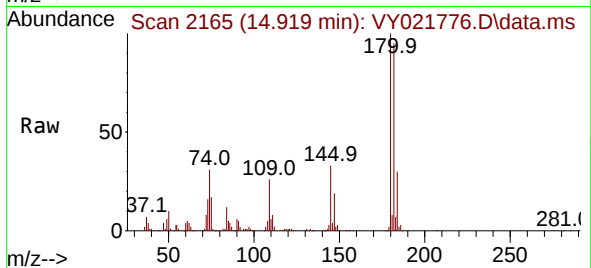
VSTDCCC050

Tgt Ion:180	Resp: 13115
Ion Ratio	Lower Upper
180 100	
182 95.2	47.5 142.6
145 31.2	14.9 44.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/07/2025
Supervised By :Semsettin Yesilyurt 04/07/2025



#94

Hexachlorobutadiene

Concen: 48.800 ug/l

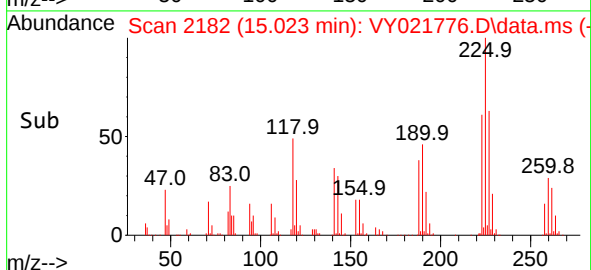
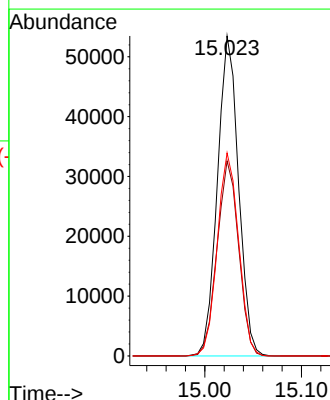
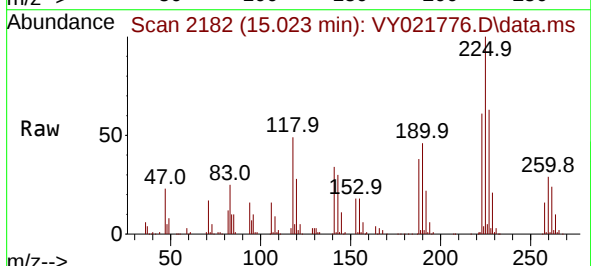
RT: 15.023 min Scan# 2182

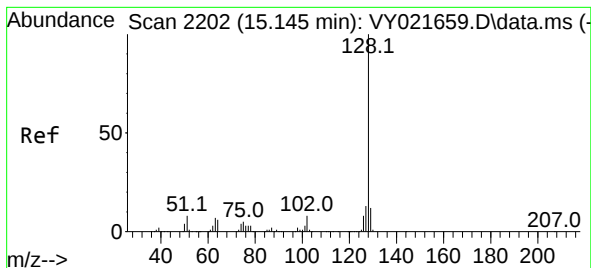
Delta R.T. 0.000 min

Lab File: VY021776.D

Acq: 04 Apr 2025 09:22

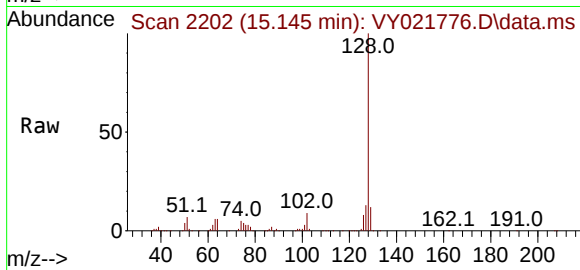
Tgt Ion:225	Resp: 80970
Ion Ratio	Lower Upper
225 100	
223 62.1	31.9 95.7
227 64.2	32.4 97.0





#95
Naphthalene
Concen: 48.786 ug/l
RT: 15.145 min Scan# 2202
Delta R.T. 0.000 min
Lab File: VY021776.D
Acq: 04 Apr 2025 09:22

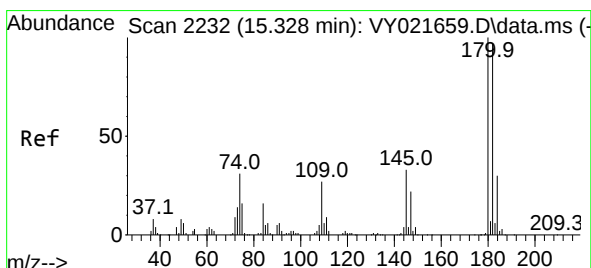
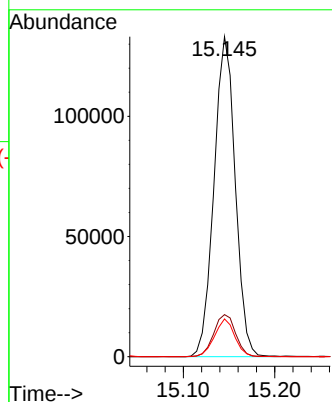
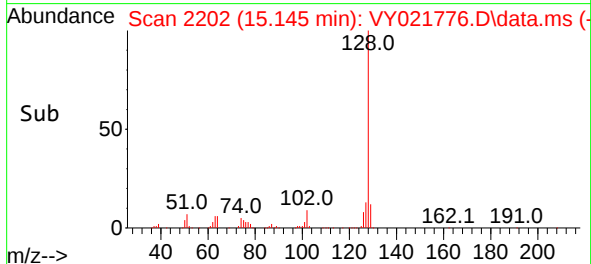
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



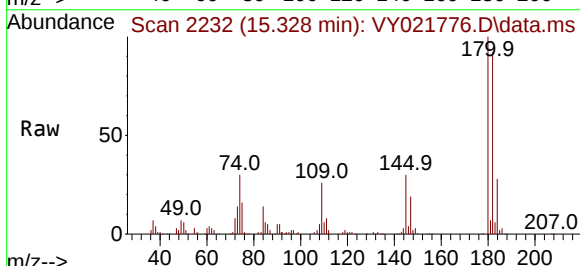
Tgt Ion:128 Resp: 214835
Ion Ratio Lower Upper
128 100
127 13.6 10.8 16.2
129 11.4 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 04/07/2025
Supervised By :Semsettin Yesilyurt 04/07/2025



#96
1,2,3-Trichlorobenzene
Concen: 49.730 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. 0.000 min
Lab File: VY021776.D
Acq: 04 Apr 2025 09:22



Tgt Ion:180 Resp: 112664
Ion Ratio Lower Upper
180 100
182 94.8 47.5 142.5
145 31.5 15.9 47.7

