

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031925\
 Data File : VY021572.D
 Acq On : 19 Mar 2025 16:07
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 03/20/2025
 Supervised By :Semsettin Yesilyurt 03/20/2025

Quant Time: Mar 20 01:31:21 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 12:42:45 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	242585	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	401233	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	366701	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	191901	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	138825	54.144	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 108.280%			
35) Dibromofluoromethane	7.634	113	131538	49.875	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 99.740%			
50) Toluene-d8	10.103	98	477588	47.826	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 95.660%			
62) 4-Bromofluorobenzene	12.402	95	175354	51.623	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 103.240%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.861	85	94378	42.396	ug/l	97
3) Chloromethane	2.068	50	141055	44.943	ug/l	98
4) Vinyl Chloride	2.202	62	163431	47.651	ug/l	97
5) Bromomethane	2.592	94	121724	49.105	ug/l	99
6) Chloroethane	2.732	64	126977	56.022	ug/l	99
7) Trichlorofluoromethane	3.056	101	262765	54.889	ug/l	98
8) Diethyl Ether	3.452	74	78065	58.843	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.812	101	131035	47.942	ug/l	99
10) Methyl Iodide	4.001	142	164483	59.202	ug/l	99
11) Tert butyl alcohol	4.854	59	54669	335.662	ug/l	99
12) 1,1-Dichloroethene	3.787	96	122491	49.156	ug/l	97
13) Acrolein	3.659	56	6361	48.776	ug/l	89
14) Allyl chloride	4.385	41	207424	51.508	ug/l	98
15) Acrylonitrile	5.061	53	172281	305.057	ug/l	99
16) Acetone	3.866	43	124992	223.509	ug/l	92
17) Carbon Disulfide	4.104	76	350369	44.865	ug/l	99
18) Methyl Acetate	4.385	43	96497	77.769	ug/l	98
19) Methyl tert-butyl Ether	5.116	73	379662	60.113	ug/l	97
20) Methylene Chloride	4.616	84	150004	51.100	ug/l	97
21) trans-1,2-Dichloroethene	5.110	96	140551	50.364	ug/l	98
22) Diisopropyl ether	6.019	45	484697	55.850	ug/l	98
23) Vinyl Acetate	5.958	43	1389202	280.483	ug/l	98
24) 1,1-Dichloroethane	5.915	63	270839	52.877	ug/l	99
25) 2-Butanone	6.890	43	222712	287.898	ug/l	100
26) 2,2-Dichloropropane	6.884	77	216320	45.900	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	174061	54.903	ug/l	95
28) Bromochloromethane	7.244	49	120515	56.122	ug/l	95
29) Tetrahydrofuran	7.262	42	147276	308.387	ug/l	98
30) Chloroform	7.421	83	288618	54.264	ug/l	99
31) Cyclohexane	7.701	56	213264	44.412	ug/l	99
32) 1,1,1-Trichloroethane	7.616	97	247662	50.855	ug/l	99
36) 1,1-Dichloropropene	7.835	75	188194	45.586	ug/l	99
37) Ethyl Acetate	6.982	43	100111	54.866	ug/l	99
38) Carbon Tetrachloride	7.817	117	220697	46.483	ug/l	98
39) Methylcyclohexane	9.109	83	224533	44.340	ug/l	99
40) Benzene	8.079	78	601344	49.448	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	46160	46.461	ug/l #	79
42) 1,2-Dichloroethane	8.158	62	177154	52.072	ug/l	100
43) Isopropyl Acetate	8.195	43	201879	56.994	ug/l #	88
44) Trichloroethene	8.866	130	151433	49.277	ug/l	95
45) 1,2-Dichloropropane	9.140	63	148633	51.353	ug/l	97
46) Dibromomethane	9.231	93	86737	53.859	ug/l	97
47) Bromodichloromethane	9.420	83	226846	53.041	ug/l	99
48) Methyl methacrylate	9.219	41	93289	57.355	ug/l	95
49) 1,4-Dioxane	9.225	88	19968	1263.239	ug/l	94
51) 4-Methyl-2-Pentanone	9.999	43	566053	309.722	ug/l	99
52) Toluene	10.170	92	548868	71.588	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	201419	53.456	ug/l	97
54) cis-1,3-Dichloropropene	9.853	75	235870	52.725	ug/l	98
55) 1,1,2-Trichloroethane	10.573	97	117057	55.566	ug/l	96
56) Ethyl methacrylate	10.438	69	164126	61.089	ug/l	98
57) 1,3-Dichloropropane	10.719	76	202280	55.402	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.707	63	351901	283.737	ug/l	99
59) 2-Hexanone	10.762	43	364054	301.253	ug/l	99
60) Dibromochloromethane	10.908	129	160470	55.564	ug/l	100
61) 1,2-Dibromoethane	11.012	107	110693	55.675	ug/l	99
64) Tetrachloroethene	10.646	164	159089	53.352	ug/l	96
65) Chlorobenzene	11.438	112	425334	49.118	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.518	131	155726	50.865	ug/l	100
67) Ethyl Benzene	11.518	91	733048	48.230	ug/l	100
68) m/p-Xylenes	11.627	106	562303	97.447	ug/l	100
69) o-Xylene	11.956	106	269433	50.663	ug/l	99
70) Styrene	11.969	104	460634	52.211	ug/l	99
71) Bromoform	12.133	173	94412	55.165	ug/l	98
73) Isopropylbenzene	12.255	105	707433	46.798	ug/l	100
74) N-amyl acetate	12.072	43	179080	54.549	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	132816	49.789	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	97383m	50.360	ug/l	
77) Bromobenzene	12.530	156	173261	48.992	ug/l	98
78) n-propylbenzene	12.597	91	842169	45.873	ug/l	99
79) 2-Chlorotoluene	12.682	91	495185	47.172	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	583417	47.492	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	42008	49.384	ug/l	95
82) 4-Chlorotoluene	12.779	91	508046	46.737	ug/l	100
83) tert-Butylbenzene	12.999	119	519509	47.405	ug/l	98
84) 1,2,4-Trimethylbenzene	13.042	105	589933	48.366	ug/l	99
85) sec-Butylbenzene	13.176	105	747709	45.856	ug/l	99
86) p-Isopropyltoluene	13.292	119	627611	46.721	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	331055	47.027	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	328325	47.690	ug/l	99
89) n-Butylbenzene	13.615	91	577268	46.538	ug/l	99
90) Hexachloroethane	13.877	117	133455	46.569	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	300609	49.823	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	21494	53.790	ug/l	98
93) 1,2,4-Trichlorobenzene	14.919	180	175370	53.214	ug/l	99
94) Hexachlorobutadiene	15.023	225	101424	49.097	ug/l	99
95) Naphthalene	15.145	128	347455	60.772	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	153868	55.514	ug/l	99

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

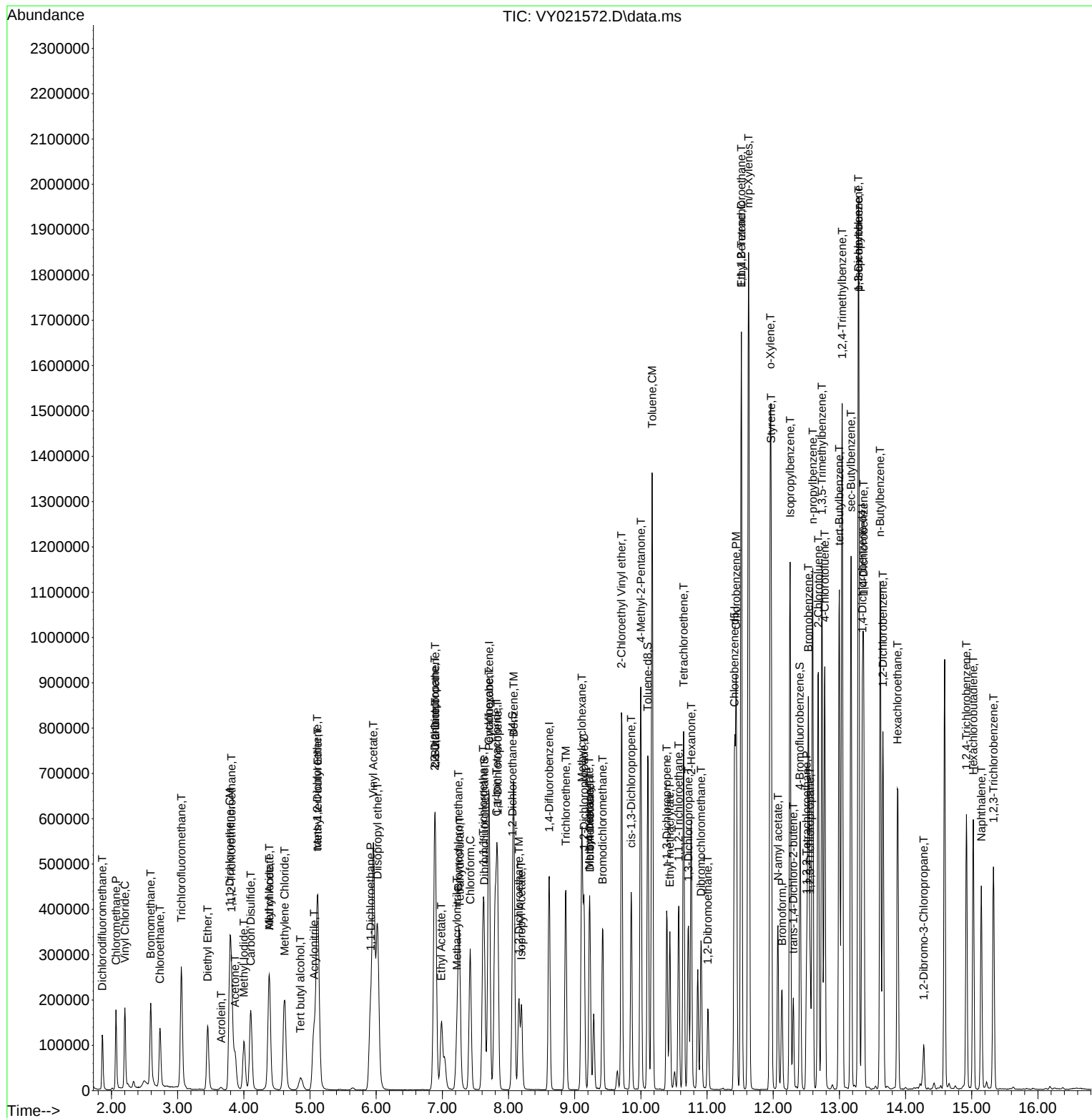
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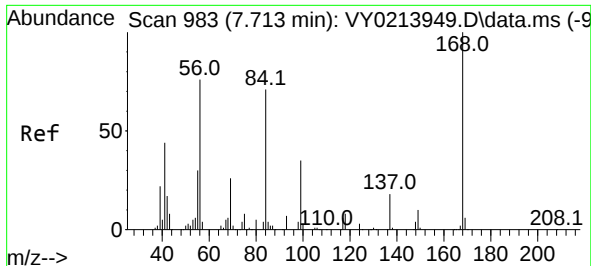
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Manual Integrations APPROVED

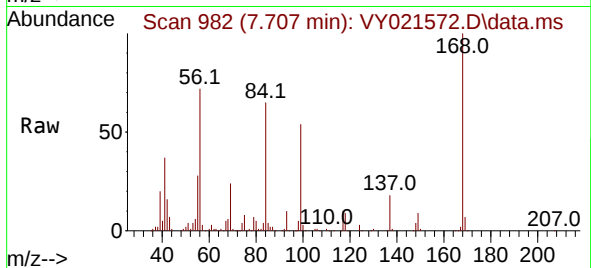
Reviewed By : Mahesh Dadoda 03/20/2025
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021572.D
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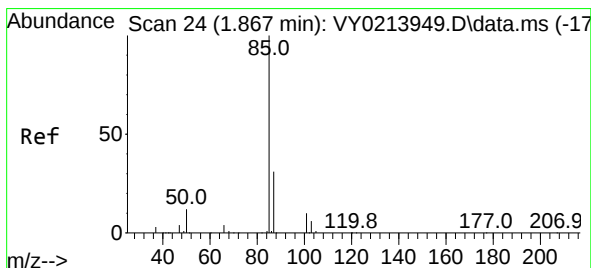
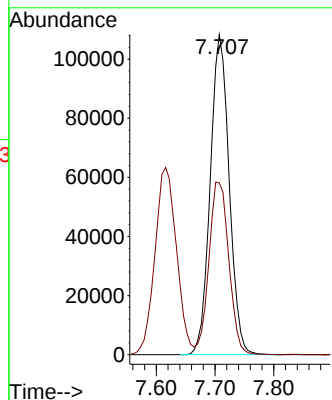
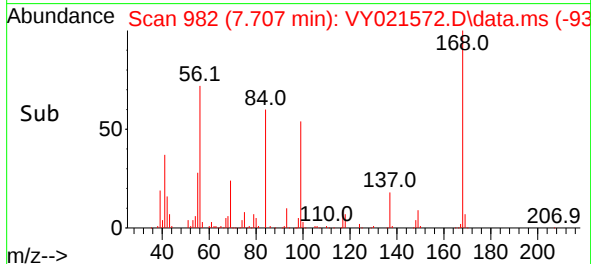
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 24258
Ion Ratio Lower Upper
168 100
99 53.7 46.0 69.0

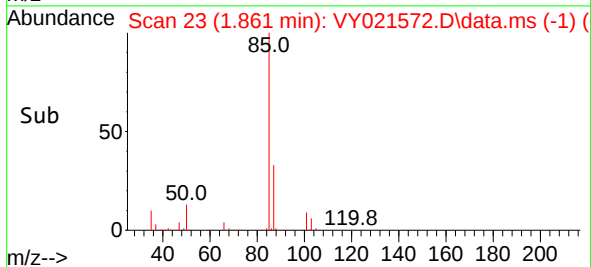
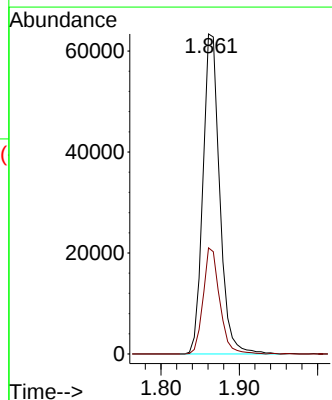
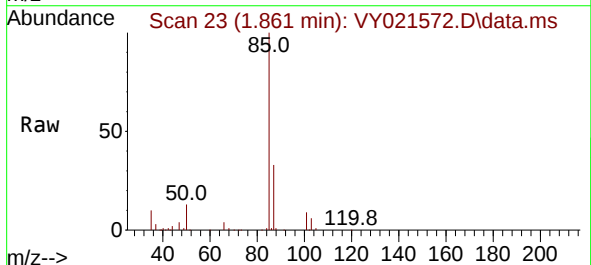
Manual Integrations
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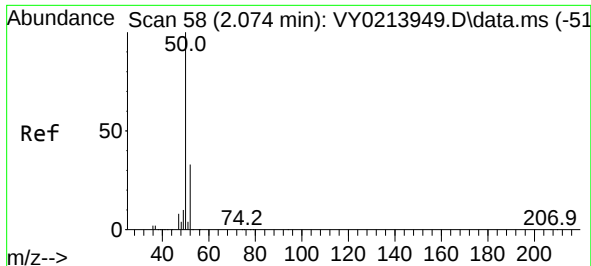
Reviewed By :Mahesh Dadoda 03/20/2025
Supervised By :Semsettin Yesilyurt 03/20/2025



#2
Dichlorodifluoromethane
Concen: 42.396 ug/l
RT: 1.861 min Scan# 23
Delta R.T. -0.006 min
Lab File: VY021572.D
Acq: 19 Mar 2025 16:07

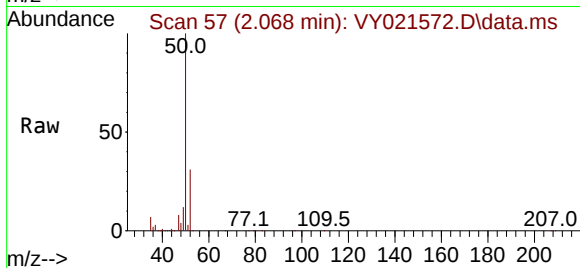
Tgt Ion: 85 Resp: 94378
Ion Ratio Lower Upper
85 100
87 33.1 15.7 47.0





#3
Chloromethane
Concen: 44.943 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY021572.D
Acq: 19 Mar 2025 16:07

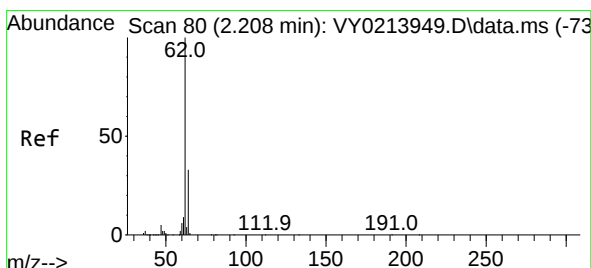
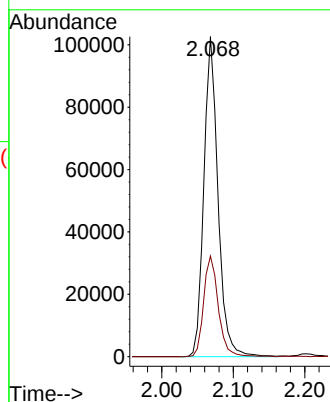
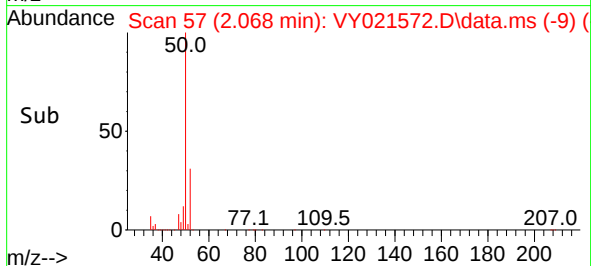
Instrument :
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Tgt Ion: 50 Resp: 14105
Ion Ratio Lower Upper
50 100
52 31.4 26.2 39.2

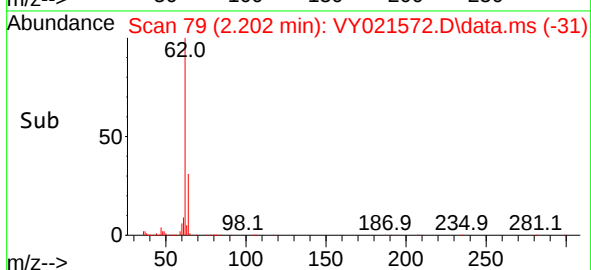
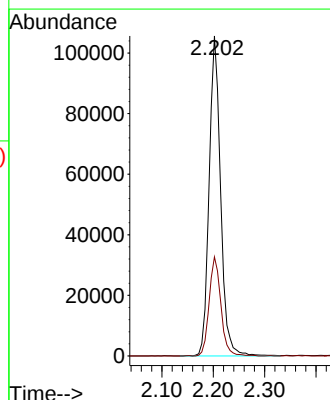
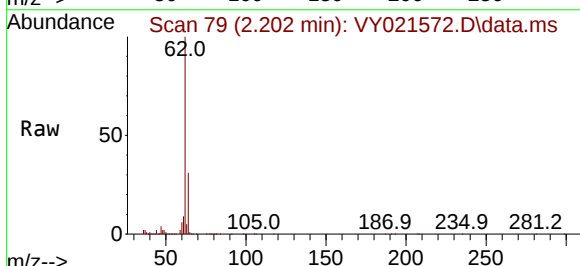
Manual Integrations
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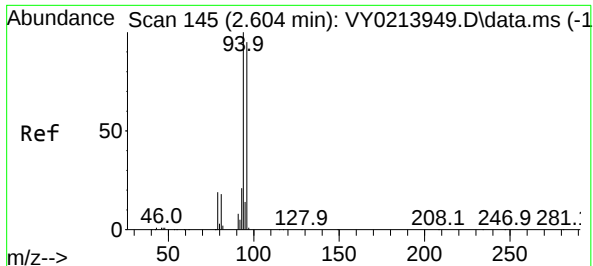
Reviewed By :Mahesh Dadoda 03/20/2025
Supervised By :Semsettin Yesilyurt 03/20/2025



#4
Vinyl Chloride
Concen: 47.651 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.006 min
Lab File: VY021572.D
Acq: 19 Mar 2025 16:07

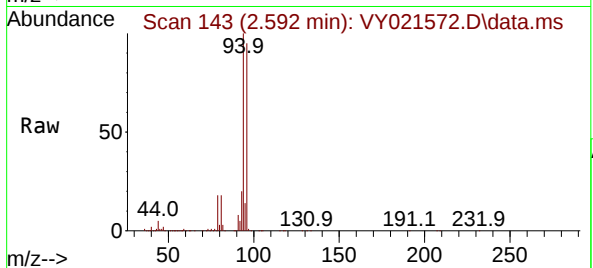
Tgt Ion: 62 Resp: 163431
Ion Ratio Lower Upper
62 100
64 30.9 26.2 39.2





#5
Bromomethane
Concen: 49.105 ug/l
RT: 2.592 min Scan# 145
Delta R.T. -0.012 min
Lab File: VY021572.D
Acq: 19 Mar 2025 16:07

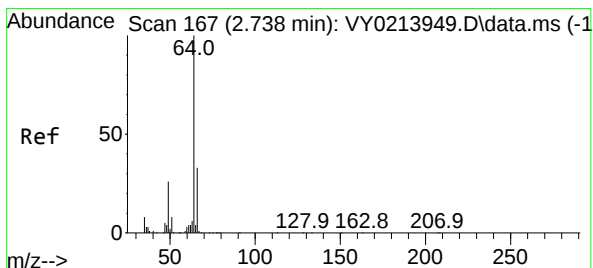
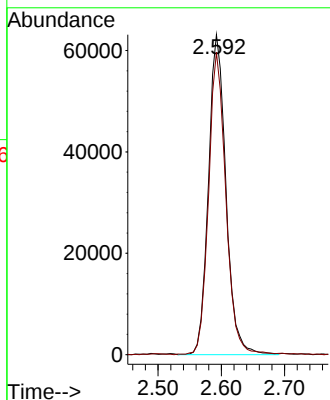
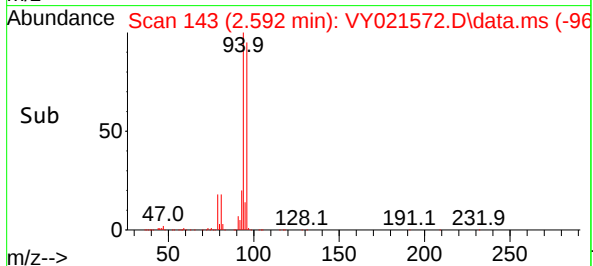
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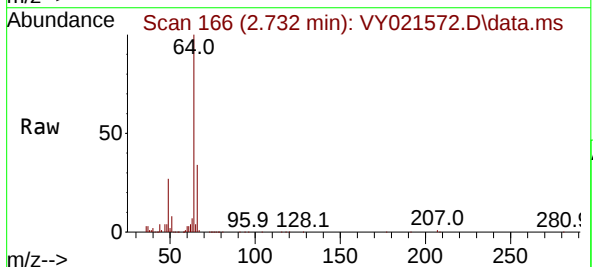
Tgt Ion: 94 Resp: 121724
Ion Ratio Lower Upper
94 100
96 94.3 76.3 114.5

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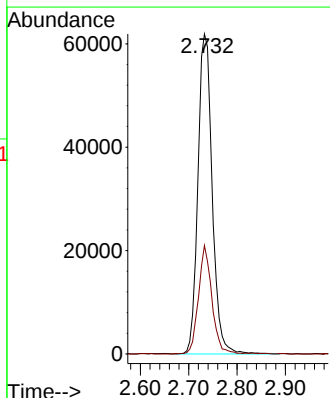
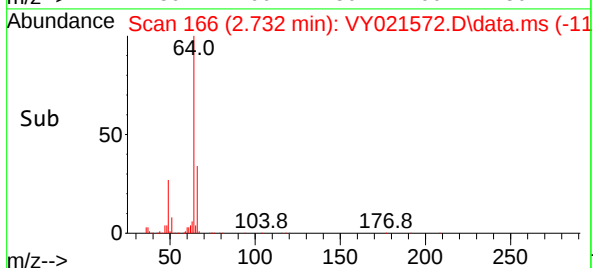
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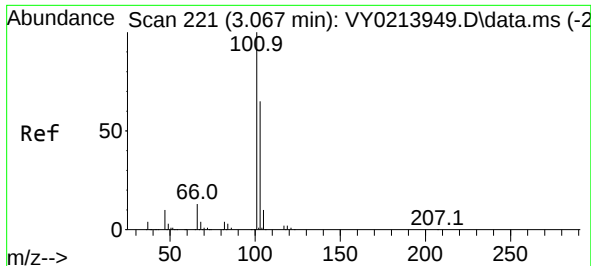


#6
Chloroethane
Concen: 56.022 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY021572.D
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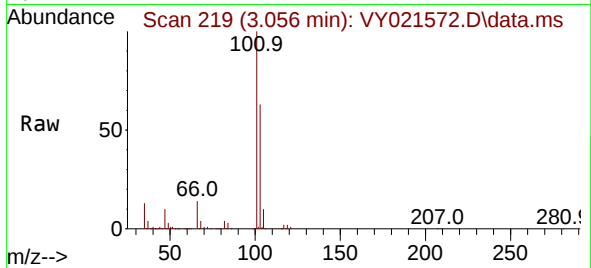
Tgt Ion: 64 Resp: 126977
Ion Ratio Lower Upper
64 100
66 33.8 26.7 40.1





#7
Trichlorofluoromethane
Concen: 54.889 ug/l
RT: 3.056 min Scan# 219
Delta R.T. -0.012 min
Lab File: VY021572.D
Acq: 19 Mar 2025 16:07

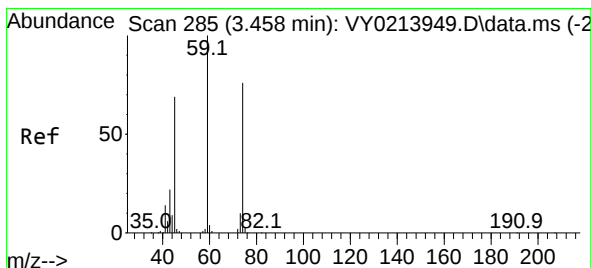
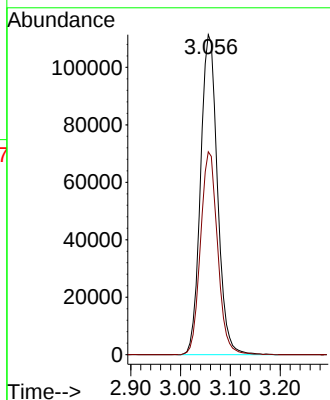
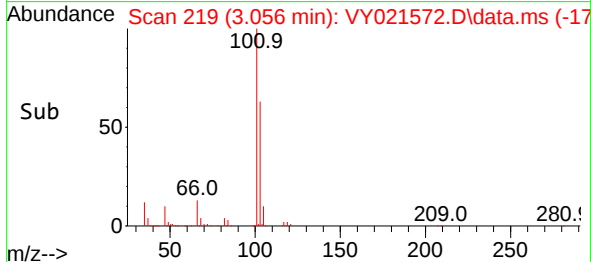
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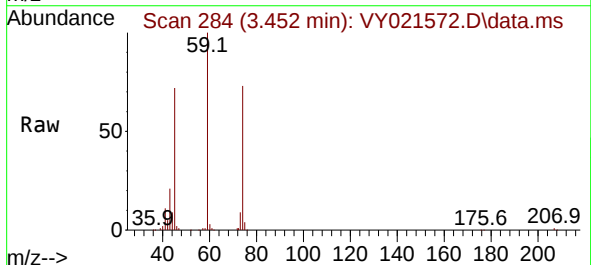
Tgt Ion:101 Resp: 262765
Ion Ratio Lower Upper
101 100
103 63.4 51.7 77.5

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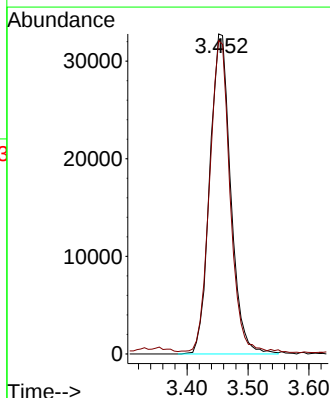
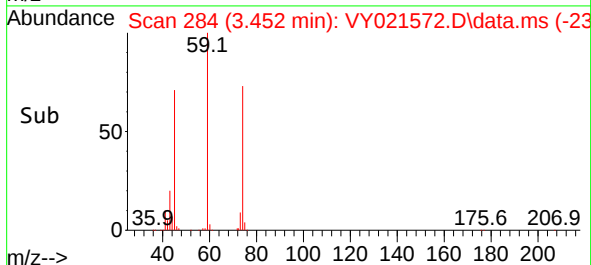
Reviewed By :Mahesh Dadoda 03/20/2025
Supervised By :Semsettin Yesilyurt 03/20/2025



#8
Diethyl Ether
Concen: 58.843 ug/l
RT: 3.452 min Scan# 284
Delta R.T. -0.006 min
Lab File: VY021572.D
Acq: 19 Mar 2025 16:07



Tgt Ion: 74 Resp: 78065
Ion Ratio Lower Upper
74 100
45 93.6 49.7 149.1





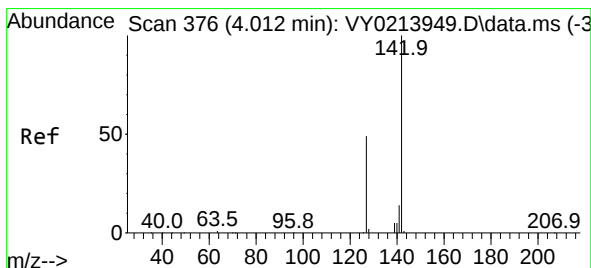
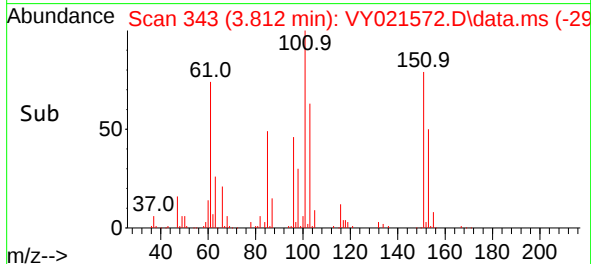
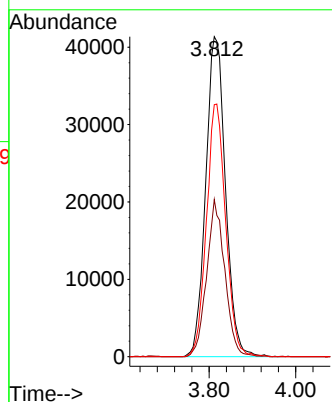
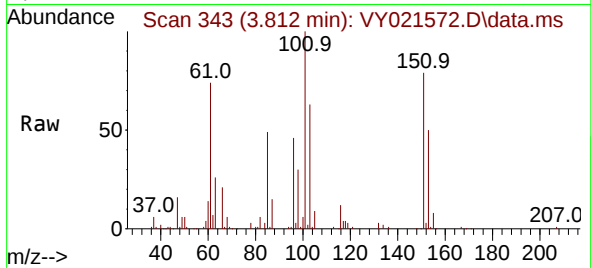
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.942 ug/l
RT: 3.812 min Scan# 346
Delta R.T. -0.018 min
Lab File: VY021572.D
Acq: 19 Mar 2025 16:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 131035
Ion Ratio Lower Upper
101 100
85 45.0 37.1 55.7
151 76.7 62.1 93.1

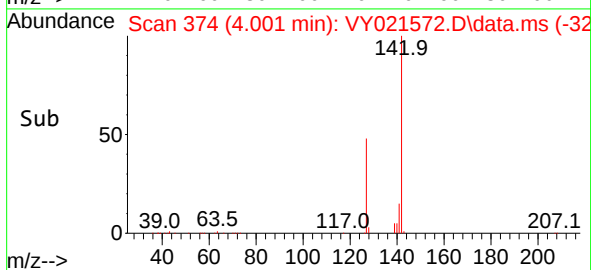
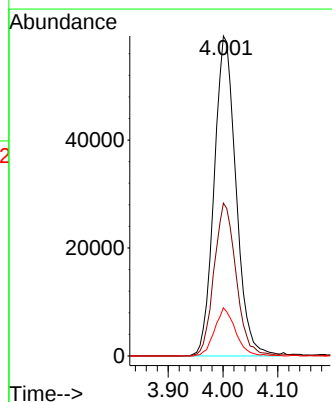
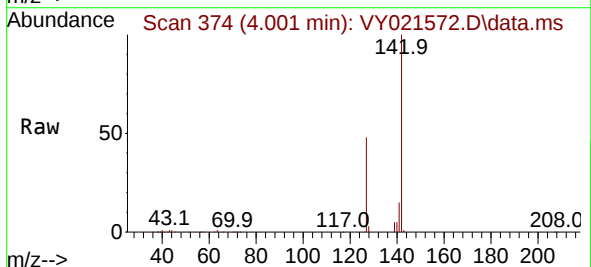
Manual Integrations
APPROVED

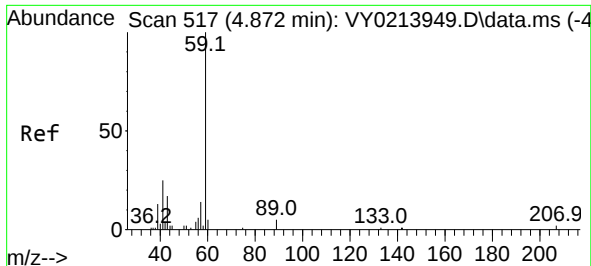
Reviewed By :Mahesh Dadoda 03/20/2025
Supervised By :Semsettin Yesilyurt 03/20/2025



#10
Methyl Iodide
Concen: 59.202 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.012 min
Lab File: VY021572.D
Acq: 19 Mar 2025 16:07

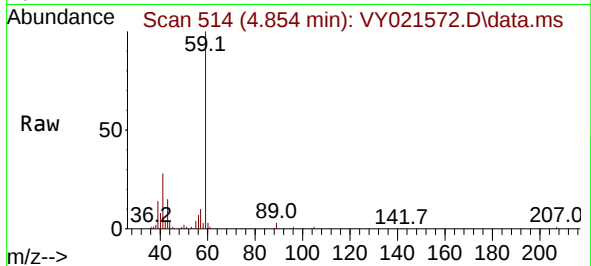
Tgt Ion:142 Resp: 164483
Ion Ratio Lower Upper
142 100
127 48.3 39.1 58.7
141 14.4 11.8 17.6





#11
Tert butyl alcohol
Concen: 335.662 ug/l
RT: 4.854 min Scan# 517
Delta R.T. -0.018 min
Lab File: VY021572.D
Acq: 19 Mar 2025 16:07

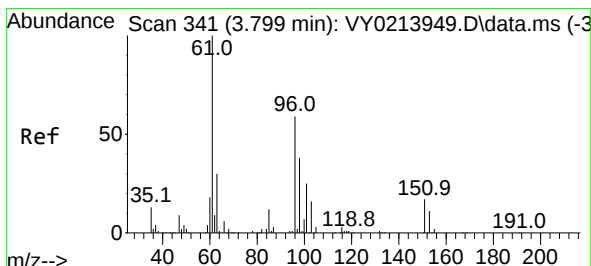
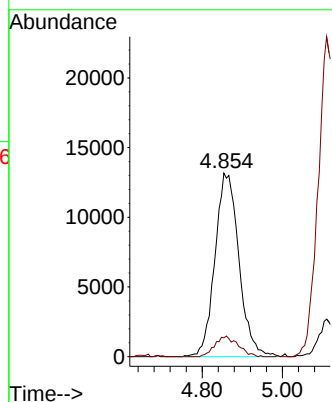
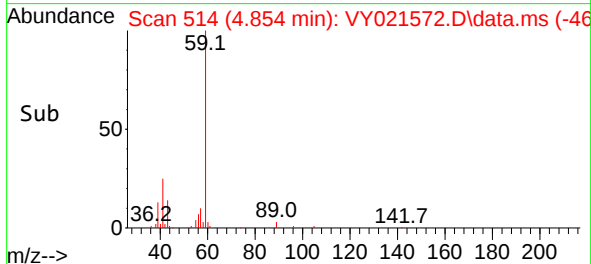
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



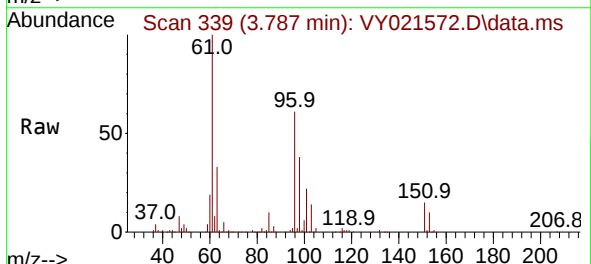
Tgt Ion: 59 Resp: 54669
Ion Ratio Lower Upper
59 100
57 10.8 8.2 12.4

Manual Integrations
APPROVED

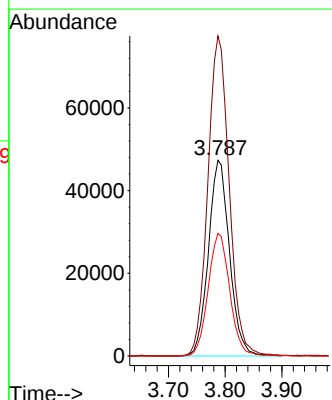
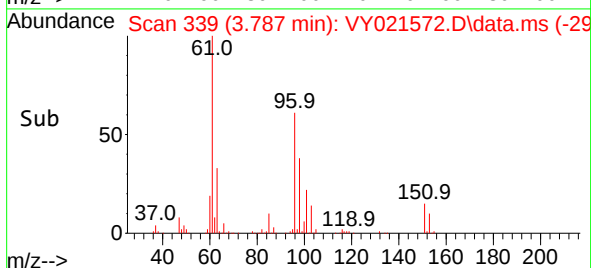
Reviewed By :Mahesh Dadoda 03/20/2025
Supervised By :Semsettin Yesilyurt 03/20/2025

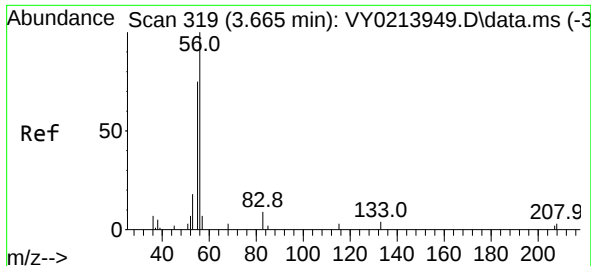


#12
1,1-Dichloroethene
Concen: 49.156 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.012 min
Lab File: VY021572.D
Acq: 19 Mar 2025 16:07



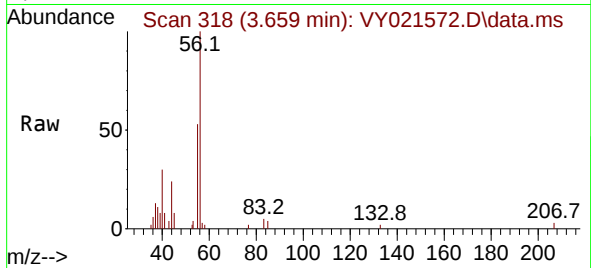
Tgt Ion: 96 Resp: 122491
Ion Ratio Lower Upper
96 100
61 163.6 135.2 202.8
98 62.7 51.4 77.2





#13
Acrolein
Concen: 48.776 ug/l
RT: 3.659 min Scan# 319
Delta R.T. -0.006 min
Lab File: VY021572.D
Acq: 19 Mar 2025 16:07

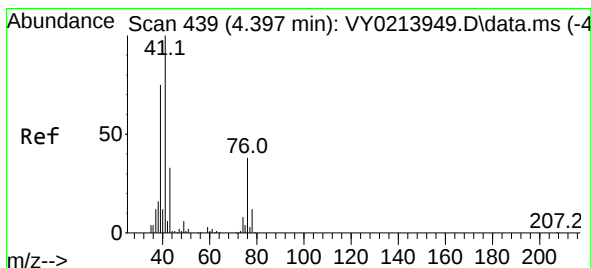
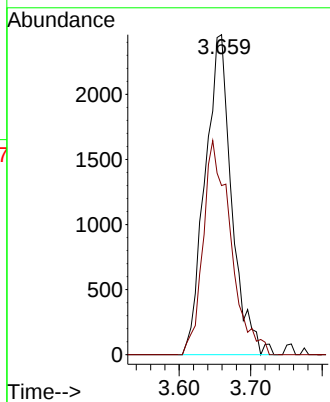
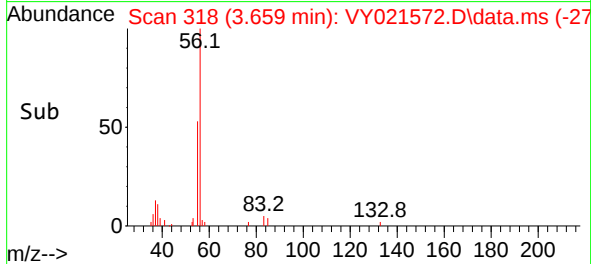
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 636
Ion Ratio Lower Upper
56 100
55 69.4 63.4 95.2

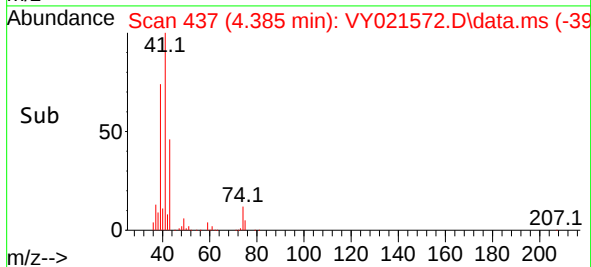
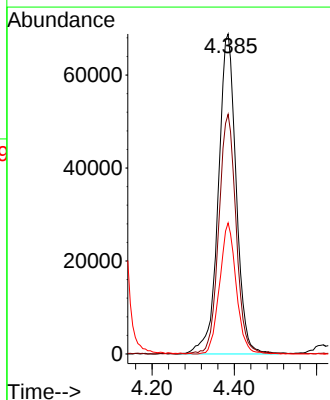
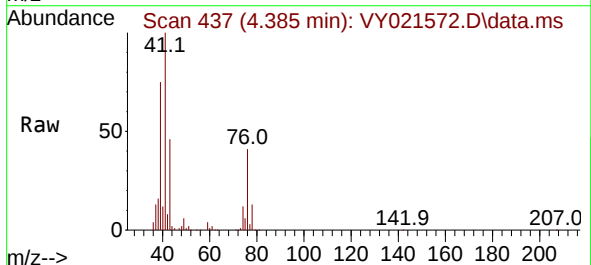
Manual Integrations
APPROVED

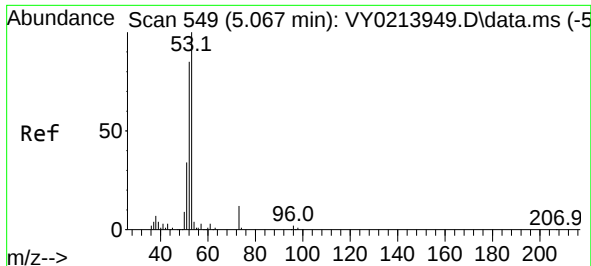
Reviewed By :Mahesh Dadoda 03/20/2025
Supervised By :Semsettin Yesilyurt 03/20/2025



#14
Allyl chloride
Concen: 51.508 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.012 min
Lab File: VY021572.D
Acq: 19 Mar 2025 16:07

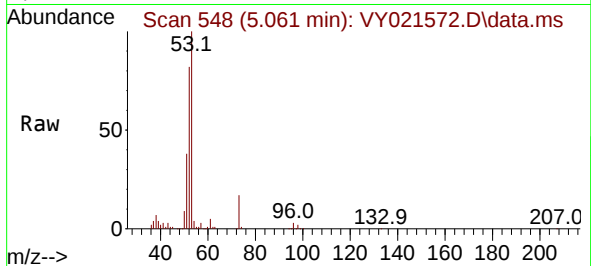
Tgt Ion: 41 Resp: 207424
Ion Ratio Lower Upper
41 100
39 72.5 59.3 88.9
76 38.1 29.8 44.8





#15
Acrylonitrile
Concen: 305.057 ug/l
RT: 5.061 min Scan# 549
Delta R.T. -0.006 min
Lab File: VY021572.D
Acq: 19 Mar 2025 16:07

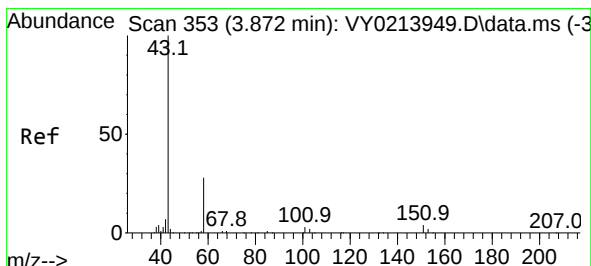
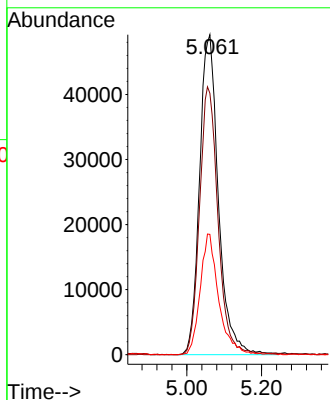
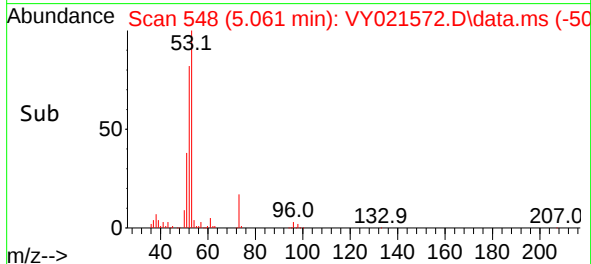
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 17228
Ion Ratio Lower Upper
53 100
52 81.6 66.3 99.5
51 37.0 30.3 45.5

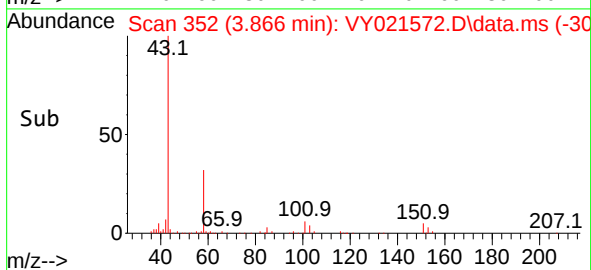
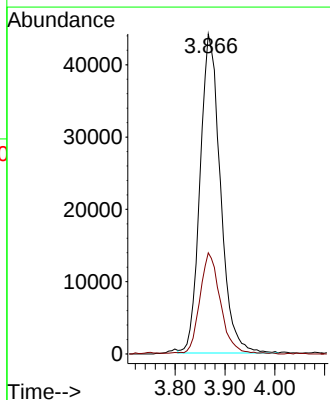
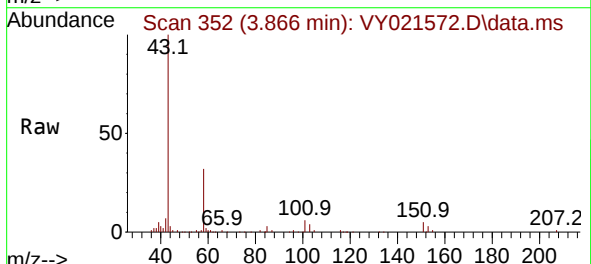
Manual Integrations
APPROVED

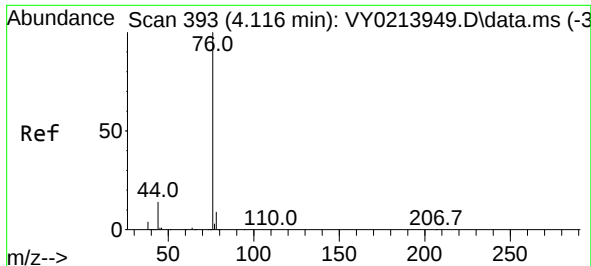
Reviewed By :Mahesh Dadoda 03/20/2025
Supervised By :Semsettin Yesilyurt 03/20/2025



#16
Acetone
Concen: 223.509 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY021572.D
Acq: 19 Mar 2025 16:07

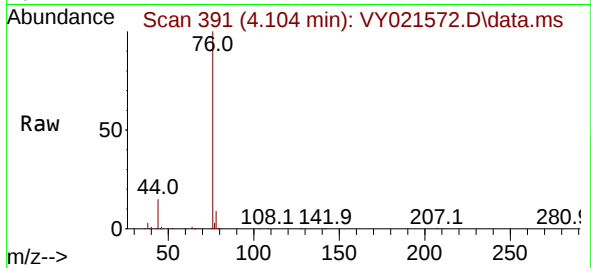
Tgt Ion: 43 Resp: 124992
Ion Ratio Lower Upper
43 100
58 31.7 22.1 33.1





#17
Carbon Disulfide
Concen: 44.865 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.012 min
Lab File: VY021572.D
Acq: 19 Mar 2025 16:07

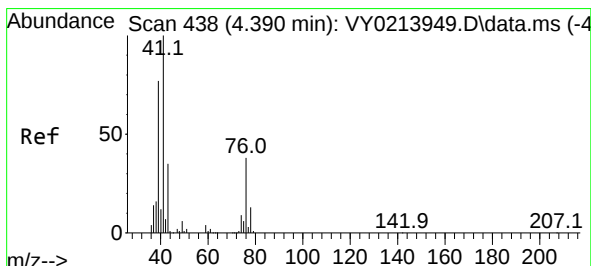
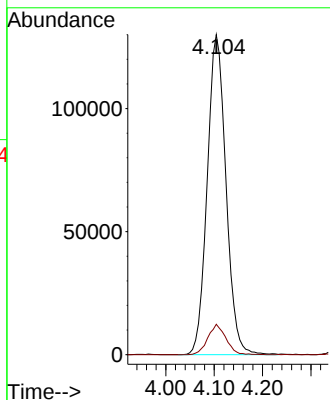
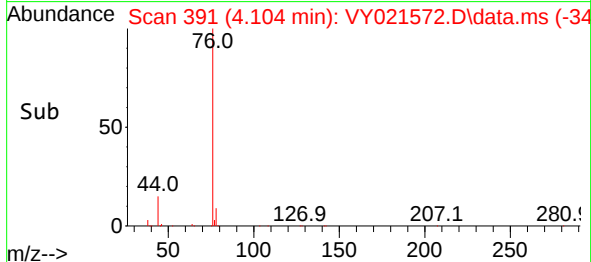
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



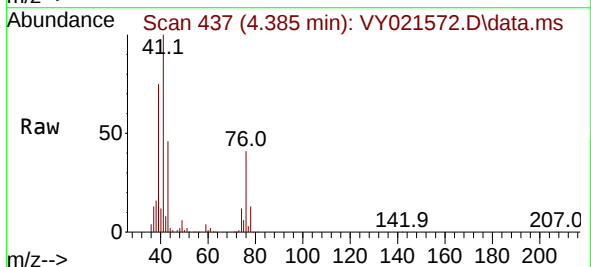
Tgt Ion: 76 Resp: 350369
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.0

Manual Integrations
APPROVED

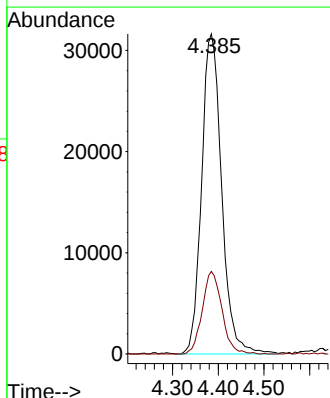
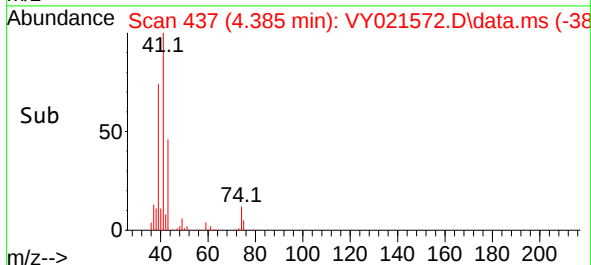
Reviewed By :Mahesh Dadoda 03/20/2025
Supervised By :Semsettin Yesilyurt 03/20/2025

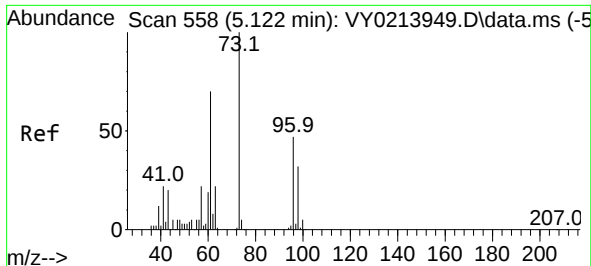


#18
Methyl Acetate
Concen: 77.769 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY021572.D
Acq: 19 Mar 2025 16:07



Tgt Ion: 43 Resp: 96497
Ion Ratio Lower Upper
43 100
74 25.3 19.4 29.0





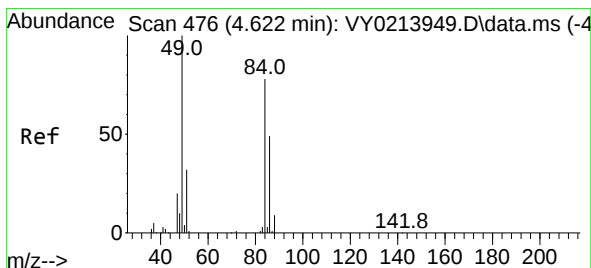
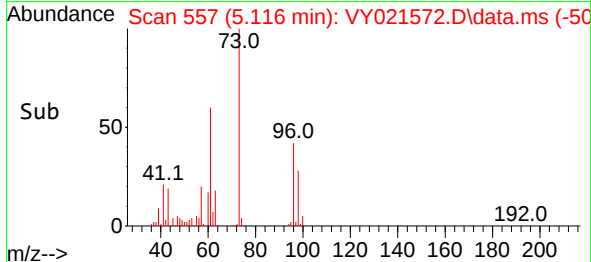
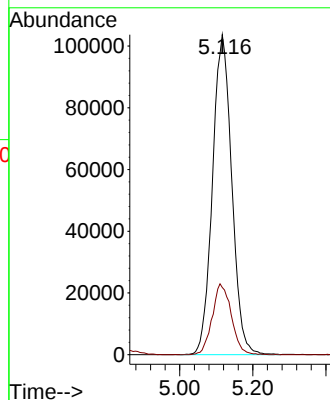
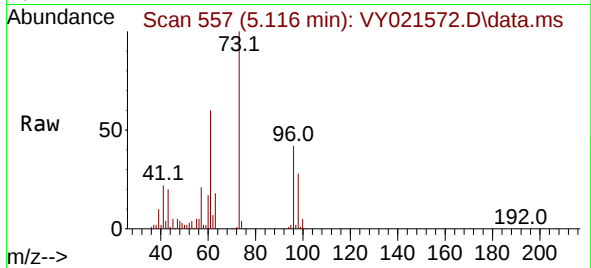
#19
Methyl tert-butyl Ether
Concen: 60.113 ug/l
RT: 5.116 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY021572.D
Acq: 19 Mar 2025 16:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 379662
Ion Ratio Lower Upper
73 100
57 21.0 17.9 26.9

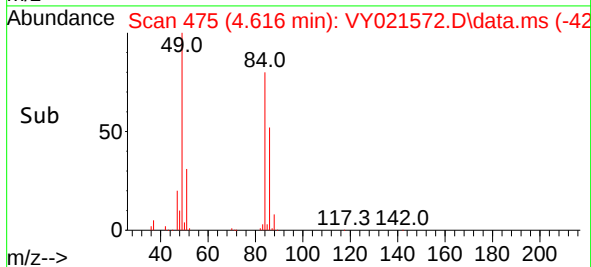
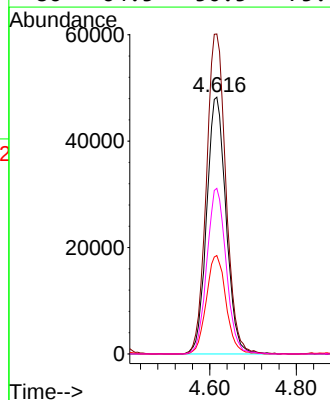
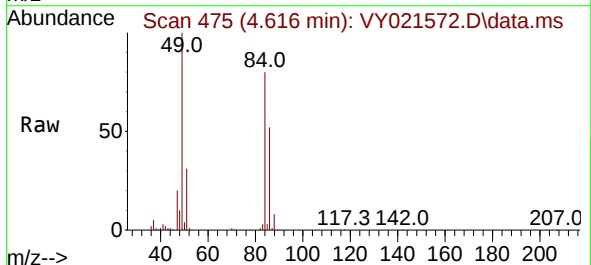
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 03/20/2025
Supervised By :Semsettin Yesilyurt 03/20/2025



#20
Methylene Chloride
Concen: 51.100 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY021572.D
Acq: 19 Mar 2025 16:07

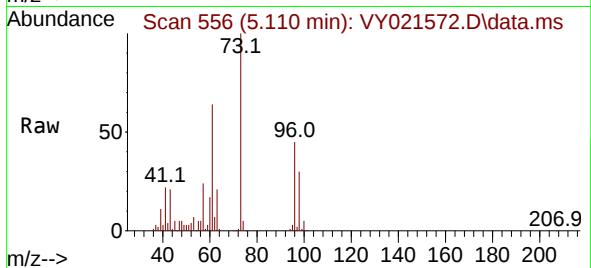
Tgt Ion: 84 Resp: 150004
Ion Ratio Lower Upper
84 100
49 124.6 102.0 153.0
51 38.3 33.0 49.6
86 64.5 50.5 75.7





#21
trans-1,2-Dichloroethene
Concen: 50.364 ug/l
RT: 5.110 min Scan# 511
Delta R.T. -0.018 min
Lab File: VY021572.D
Acq: 19 Mar 2025 16:07

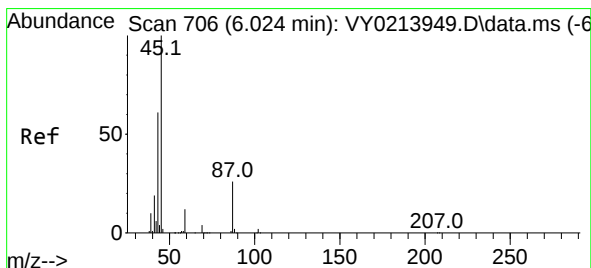
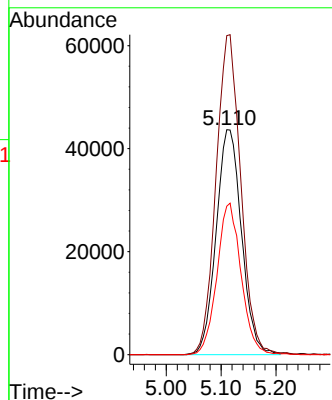
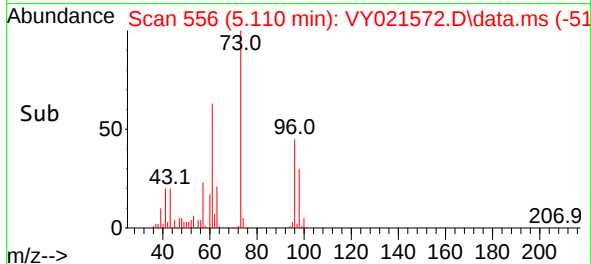
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 14055
Ion Ratio Lower Upper
96 100
61 141.8 111.5 167.3
98 66.0 53.8 80.8

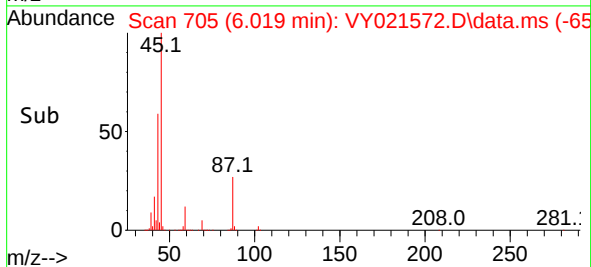
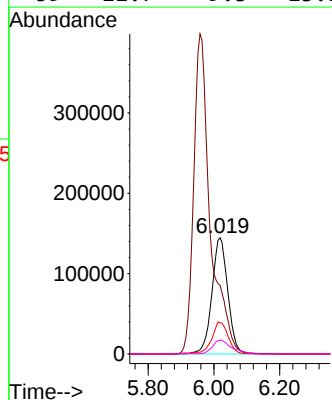
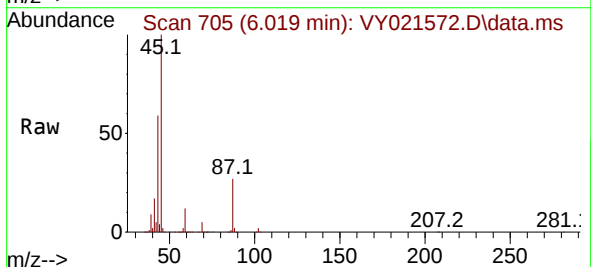
Manual Integrations
APPROVED

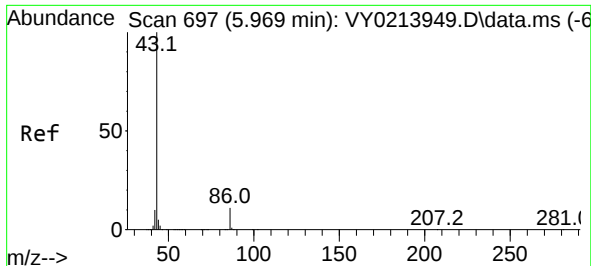
Reviewed By :Mahesh Dadoda 03/20/2025
Supervised By :Semsettin Yesilyurt 03/20/2025



#22
Diisopropyl ether
Concen: 55.850 ug/l
RT: 6.019 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY021572.D
Acq: 19 Mar 2025 16:07

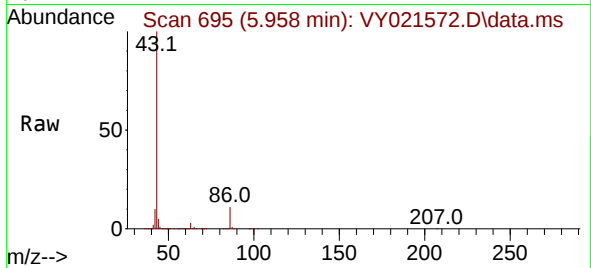
Tgt Ion: 45 Resp: 484697
Ion Ratio Lower Upper
45 100
43 59.1 48.7 73.1
87 27.0 21.5 32.3
59 11.7 9.3 13.9





#23
 Vinyl Acetate
 Concen: 280.483 ug/l
 RT: 5.958 min Scan# 695
 Delta R.T. -0.012 min
 Lab File: VY021572.D
 Acq: 19 Mar 2025 16:07

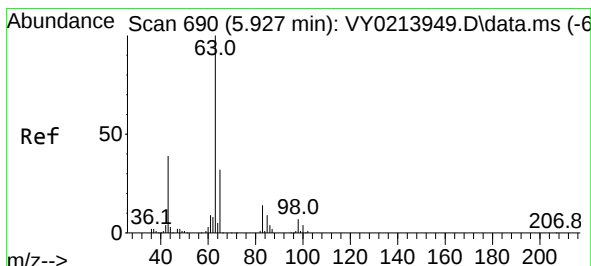
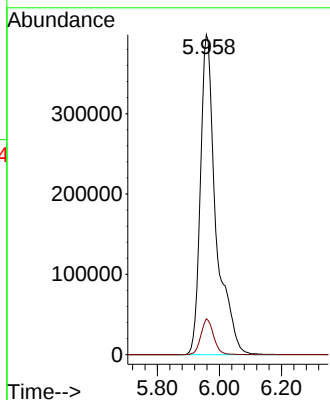
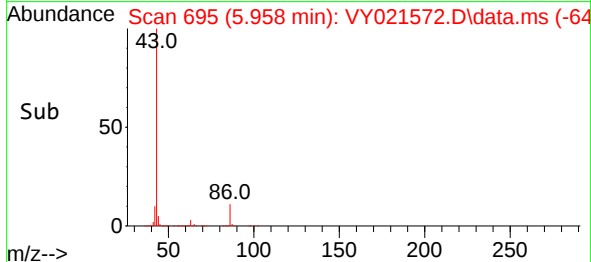
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC



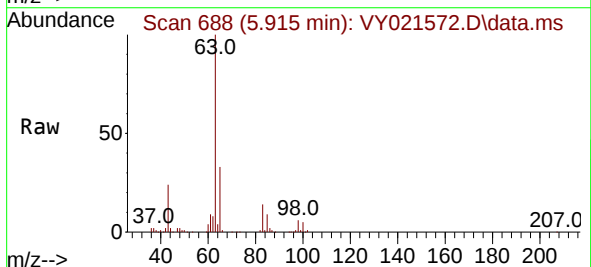
Tgt Ion: 43 Resp: 138920
 Ion Ratio Lower Upper
 43 100
 86 11.2 8.5 12.7

Manual Integrations
 APPROVED

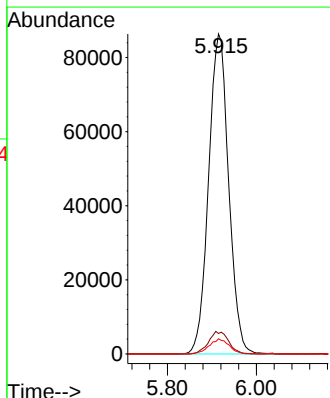
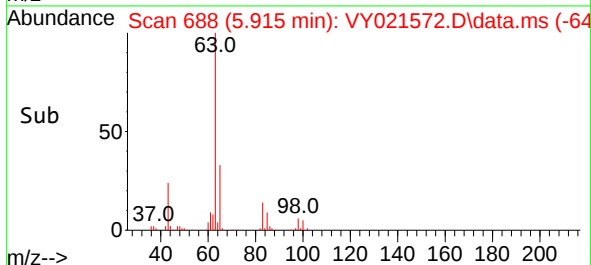
Reviewed By :Mahesh Dadoda 03/20/2025
 Supervised By :Semsettin Yesilyurt 03/20/2025

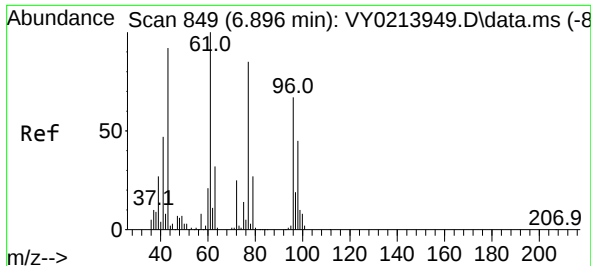


#24
 1,1-Dichloroethane
 Concen: 52.877 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.012 min
 Lab File: VY021572.D
 Acq: 19 Mar 2025 16:07



Tgt Ion: 63 Resp: 270839
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.3 9.9
 100 4.8 2.1 6.5





#25

2-Butanone

Concen: 287.898 ug/l

RT: 6.890 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY021572.D

Acq: 19 Mar 2025 16:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 22271

Ion Ratio Lower Upper

43 100

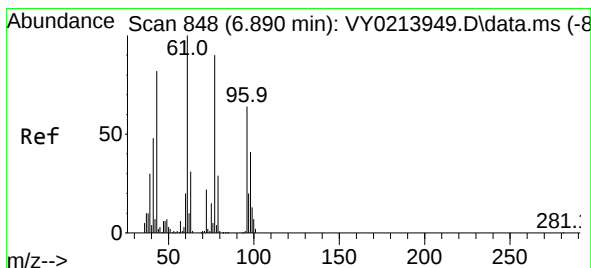
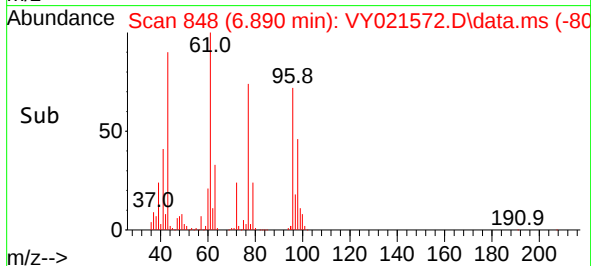
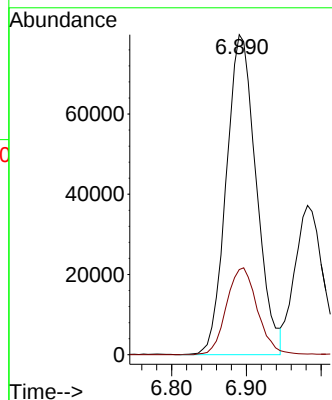
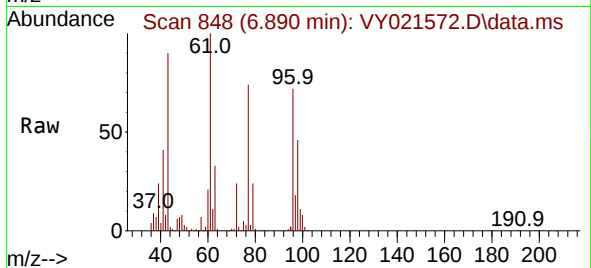
72 26.6 21.4 32.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/20/2025

Supervised By :Semsettin Yesilyurt 03/20/2025



#26

2,2-Dichloropropane

Concen: 45.900 ug/l

RT: 6.884 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY021572.D

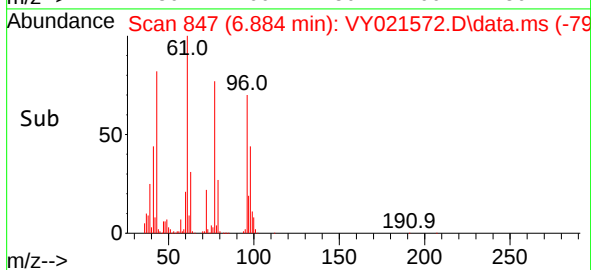
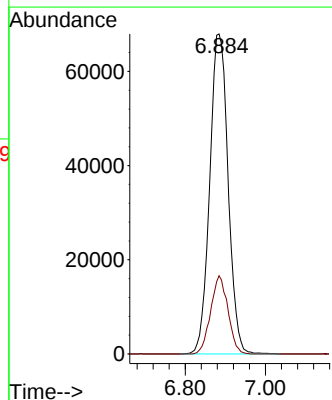
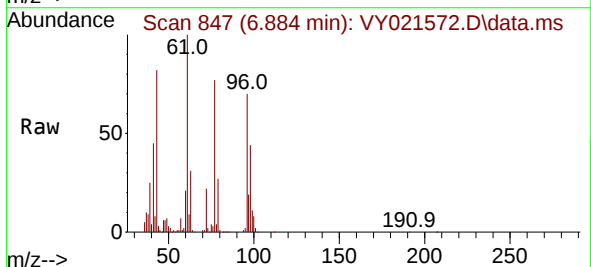
Acq: 19 Mar 2025 16:07

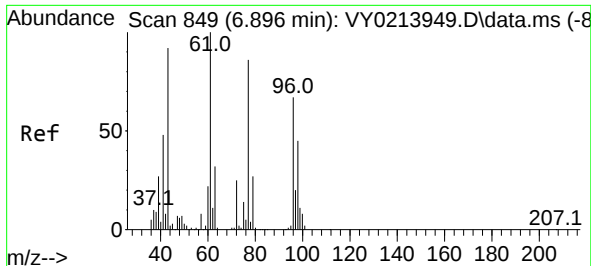
Tgt Ion: 77 Resp: 216320

Ion Ratio Lower Upper

77 100

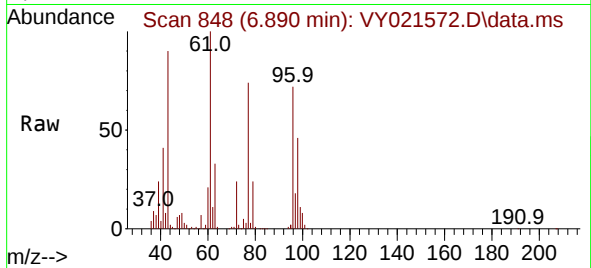
97 22.9 11.3 33.8





#27
 cis-1,2-Dichloroethene
 Concen: 54.903 ug/l
 RT: 6.890 min Scan# 849
 Delta R.T. -0.006 min
 Lab File: VY021572.D
 Acq: 19 Mar 2025 16:07

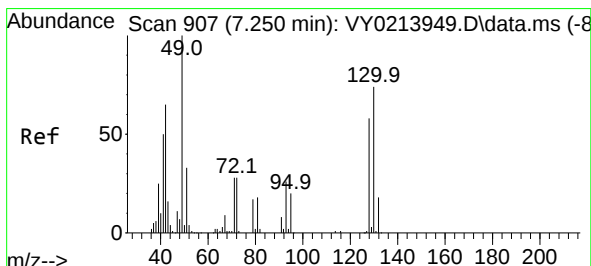
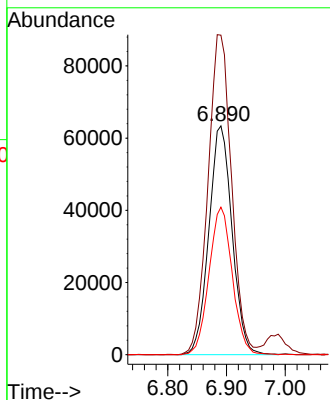
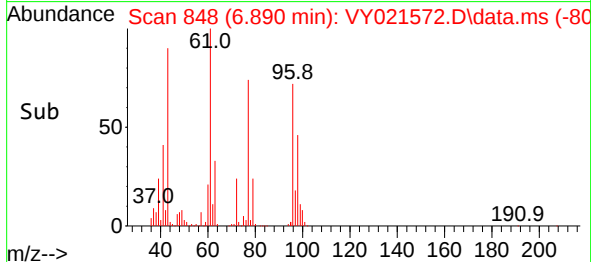
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 17406
 Ion Ratio Lower Upper
 96 100
 61 142.2 0.0 300.8
 98 64.6 0.0 130.0

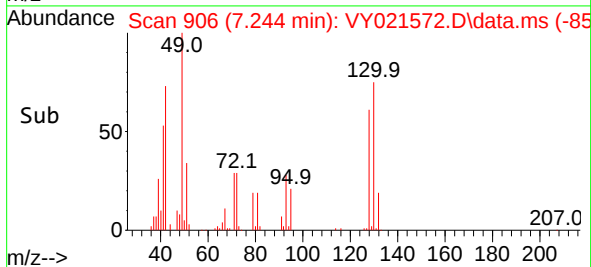
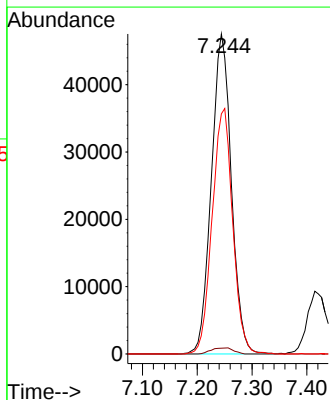
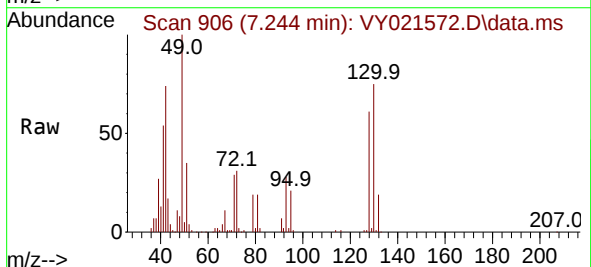
Manual Integrations
 APPROVED

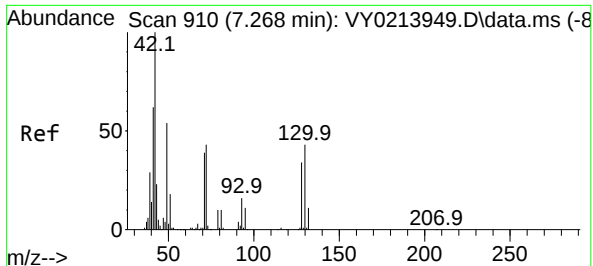
Reviewed By :Mahesh Dadoda 03/20/2025
 Supervised By :Semsettin Yesilyurt 03/20/2025



#28
 Bromochloromethane
 Concen: 56.122 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. -0.006 min
 Lab File: VY021572.D
 Acq: 19 Mar 2025 16:07

Tgt Ion: 49 Resp: 120515
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.2
 130 78.7 59.6 89.4





#29

Tetrahydrofuran

Concen: 308.387 ug/l

RT: 7.262 min Scan# 909

Delta R.T. -0.006 min

Lab File: VY021572.D

Acq: 19 Mar 2025 16:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 147270

Ion Ratio Lower Upper

42 100

72 44.6 34.8 52.2

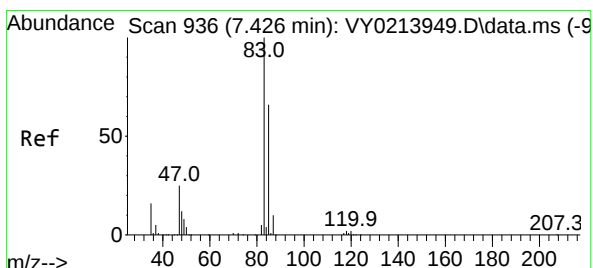
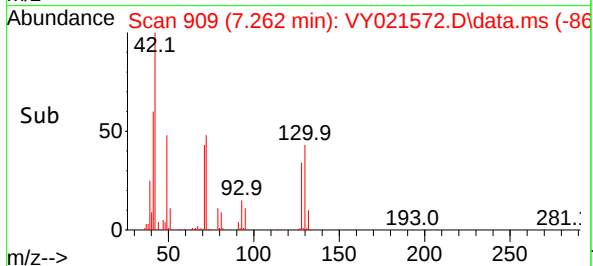
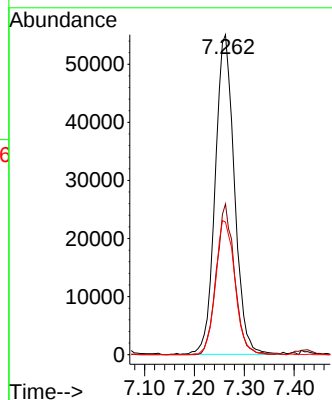
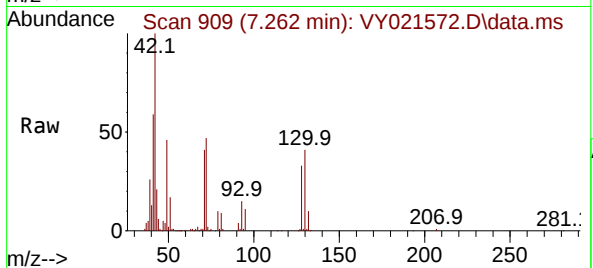
71 42.5 32.6 48.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/20/2025

Supervised By :Semsettin Yesilyurt 03/20/2025



#30

Chloroform

Concen: 54.264 ug/l

RT: 7.421 min Scan# 935

Delta R.T. -0.006 min

Lab File: VY021572.D

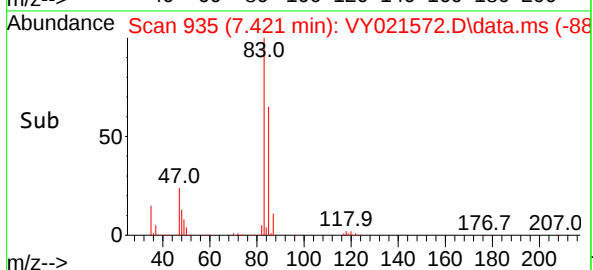
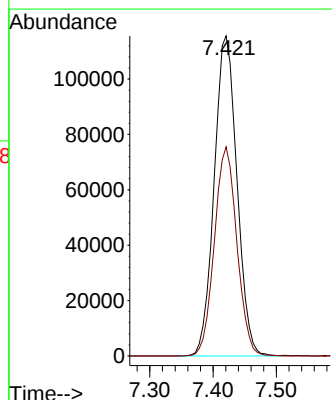
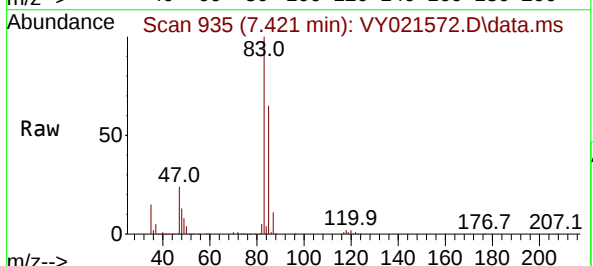
Acq: 19 Mar 2025 16:07

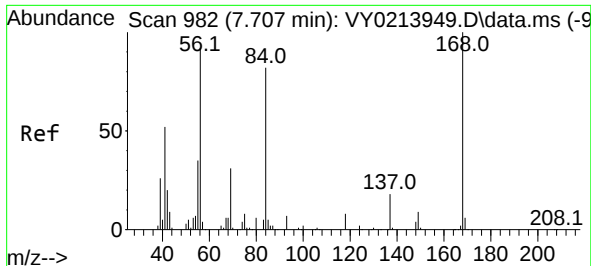
Tgt Ion: 83 Resp: 288618

Ion Ratio Lower Upper

83 100

85 65.3 53.1 79.7





#31

Cyclohexane

Concen: 44.412 ug/l

RT: 7.701 min Scan# 981

Delta R.T. -0.006 min

Lab File: VY021572.D

Acq: 19 Mar 2025 16:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

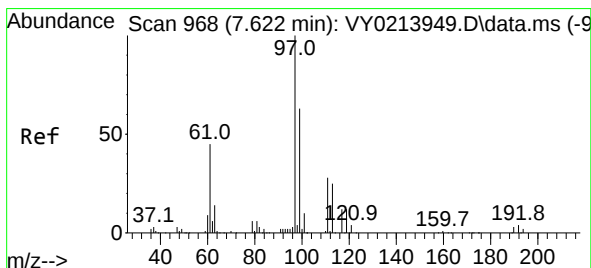
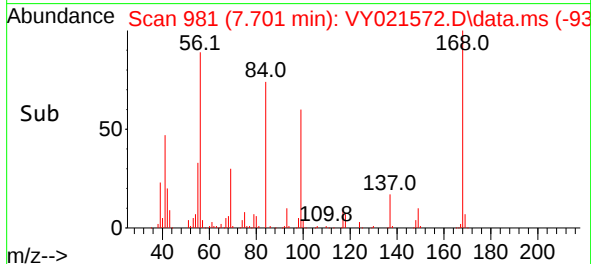
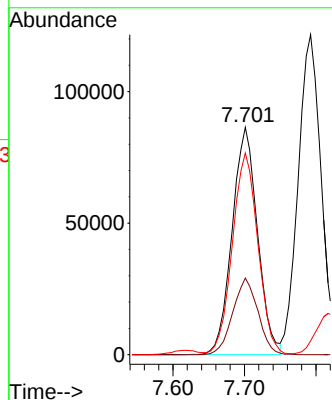
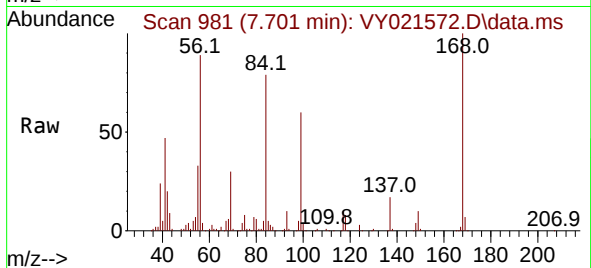
Tgt Ion: 56 Resp: 213264

Ion	Ratio	Lower	Upper
56	100		
69	33.7	27.0	40.4
84	87.0	71.1	106.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/20/2025
Supervised By :Semsettin Yesilyurt 03/20/2025



#32

1,1,1-Trichloroethane

Concen: 50.855 ug/l

RT: 7.616 min Scan# 967

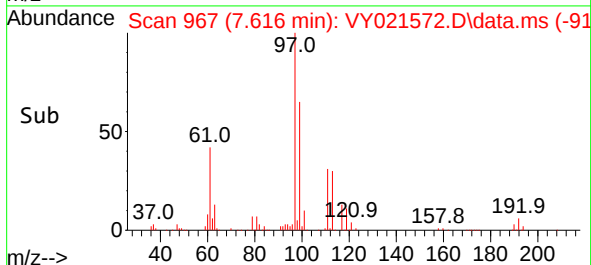
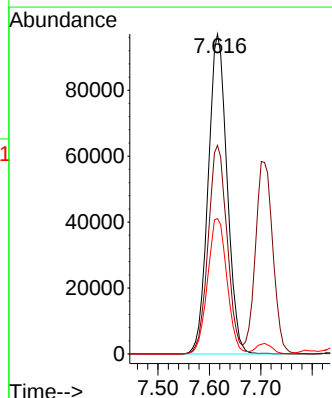
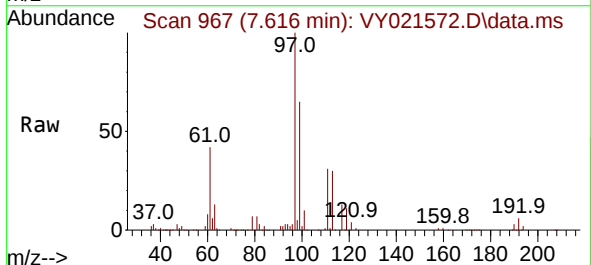
Delta R.T. -0.006 min

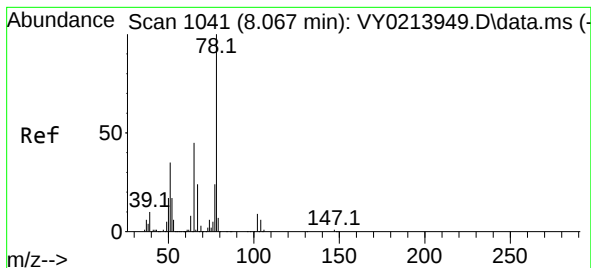
Lab File: VY021572.D

Acq: 19 Mar 2025 16:07

Tgt Ion: 97 Resp: 247662

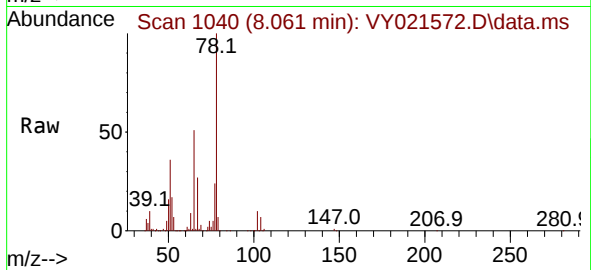
Ion	Ratio	Lower	Upper
97	100		
99	65.4	51.7	77.5
61	43.6	35.7	53.5





#33
1,2-Dichloroethane-d4
Concen: 54.144 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY021572.D
Acq: 19 Mar 2025 16:07

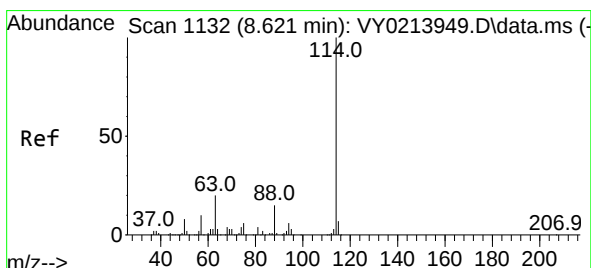
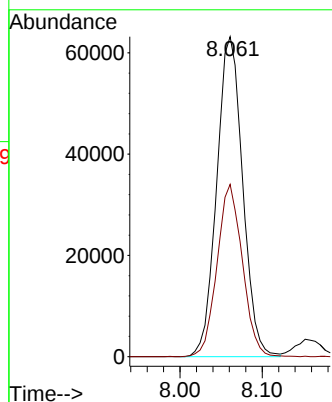
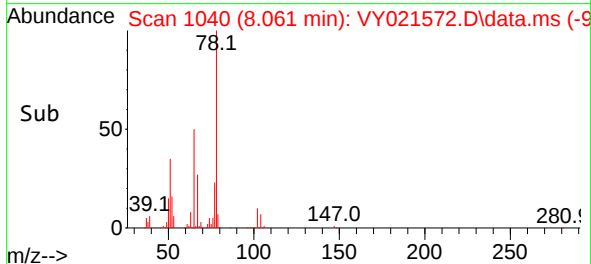
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



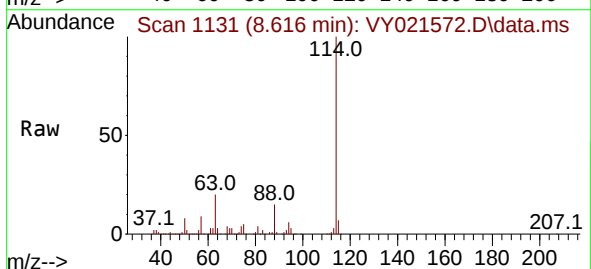
Tgt Ion: 65 Resp: 138825
Ion Ratio Lower Upper
65 100
67 52.5 0.0 102.8

Manual Integrations
APPROVED

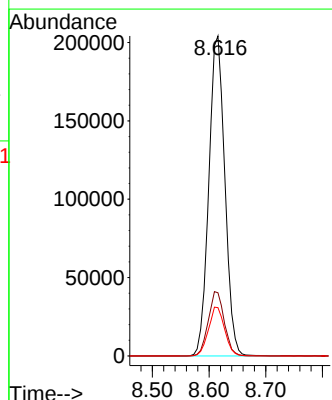
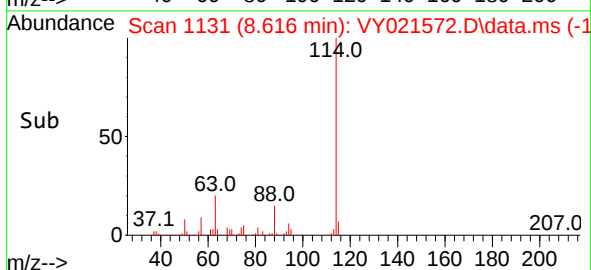
Reviewed By :Mahesh Dadoda 03/20/2025
Supervised By :Semsettin Yesilyurt 03/20/2025

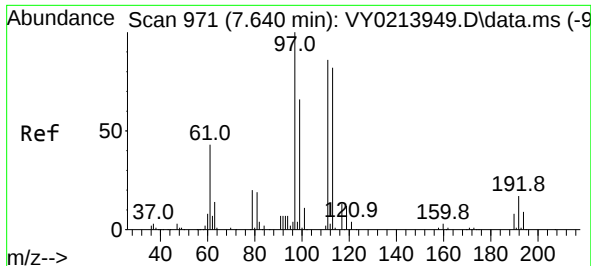


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VY021572.D
Acq: 19 Mar 2025 16:07



Tgt Ion:114 Resp: 401233
Ion Ratio Lower Upper
114 100
63 19.7 0.0 40.8
88 15.1 0.0 30.8





#35

Dibromofluoromethane

Concen: 49.875 ug/l

RT: 7.634 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY021572.D

Acq: 19 Mar 2025 16:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:113 Resp: 131538

Ion Ratio Lower Upper

113 100

111 104.3 82.0 123.0

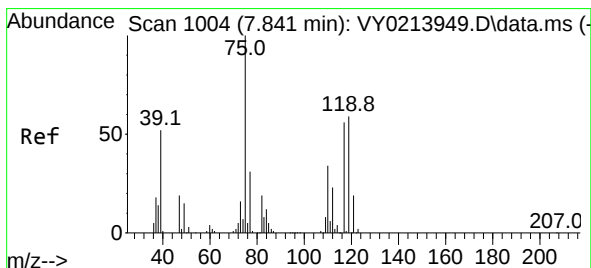
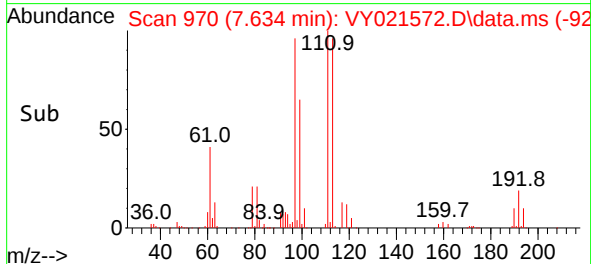
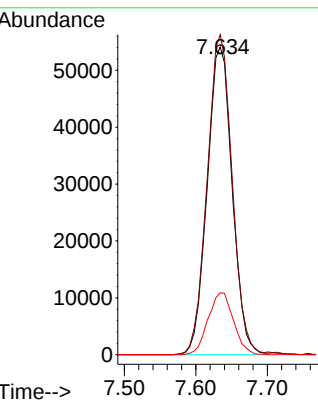
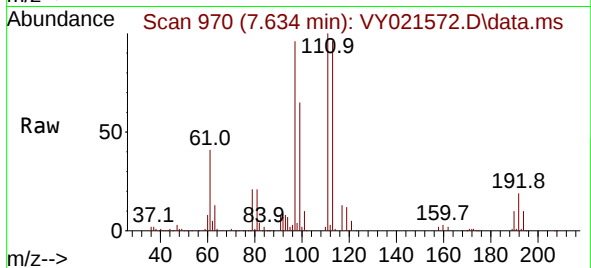
192 20.4 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/20/2025

Supervised By :Semsettin Yesilyurt 03/20/2025



#36

1,1-Dichloropropene

Concen: 45.586 ug/l

RT: 7.835 min Scan# 1003

Delta R.T. -0.006 min

Lab File: VY021572.D

Acq: 19 Mar 2025 16:07

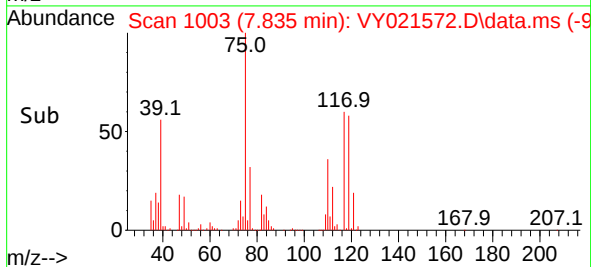
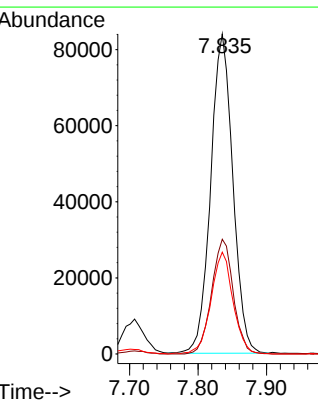
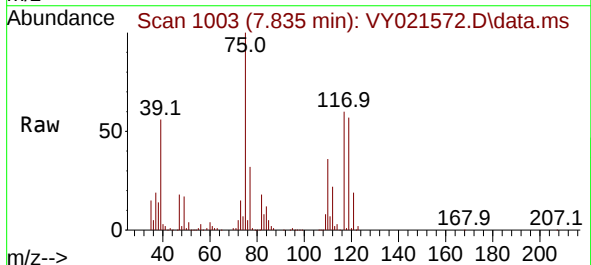
Tgt Ion: 75 Resp: 188194

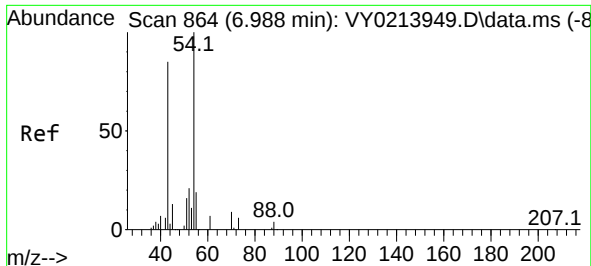
Ion Ratio Lower Upper

75 100

110 35.1 17.3 51.7

77 31.7 25.4 38.2





#37

Ethyl Acetate

Concen: 54.866 ug/l

RT: 6.982 min Scan# 80

Delta R.T. -0.006 min

Lab File: VY021572.D

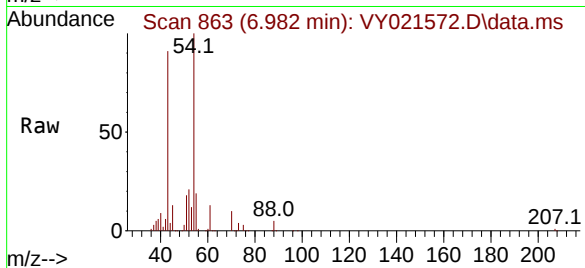
Acq: 19 Mar 2025 16:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

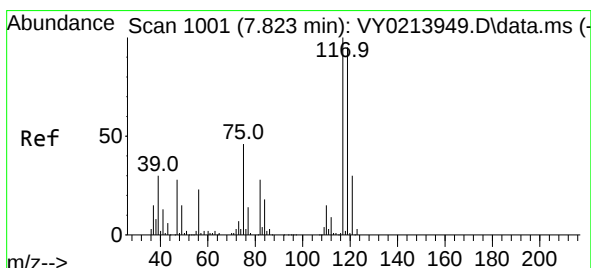
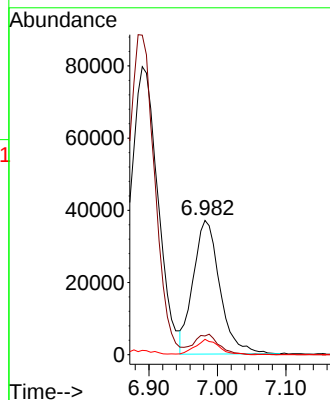
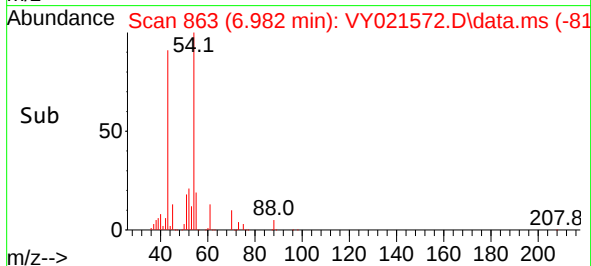


Tgt Ion:	43	Resp:	10011
Ion	Ratio	Lower	Upper
43	100		
61	13.7	11.4	17.0
70	10.2	8.2	12.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/20/2025
Supervised By :Semsettin Yesilyurt 03/20/2025



#38

Carbon Tetrachloride

Concen: 46.483 ug/l

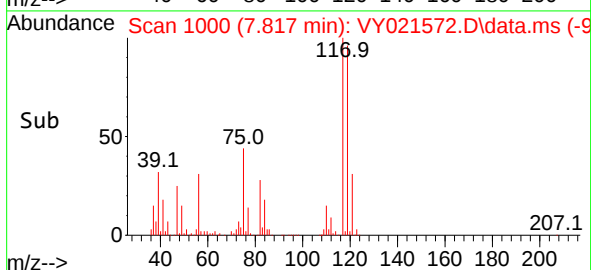
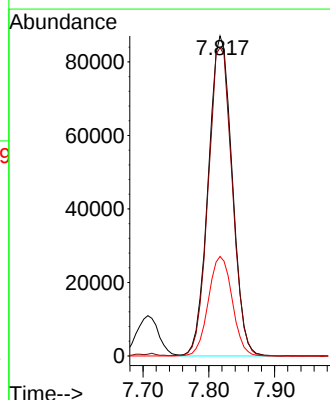
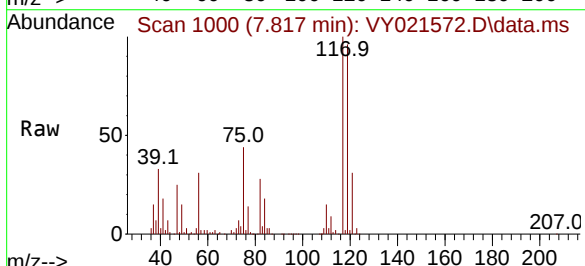
RT: 7.817 min Scan# 1000

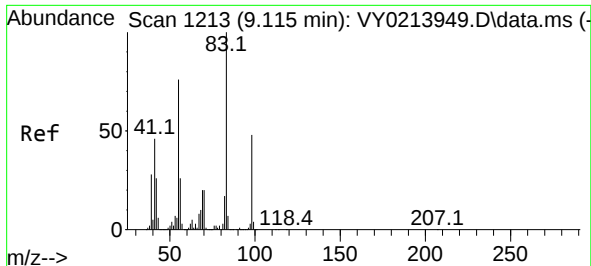
Delta R.T. -0.006 min

Lab File: VY021572.D

Acq: 19 Mar 2025 16:07

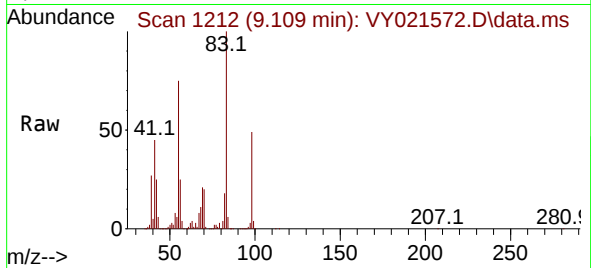
Tgt Ion:	117	Resp:	220697
Ion	Ratio	Lower	Upper
117	100		
119	96.4	75.8	113.8
121	31.1	23.9	35.9





#39
Methylcyclohexane
Concen: 44.340 ug/l
RT: 9.109 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021572.D
Acq: 19 Mar 2025 16:07

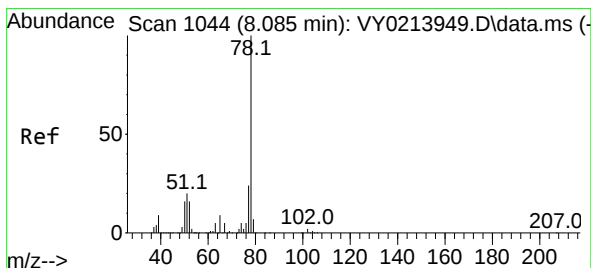
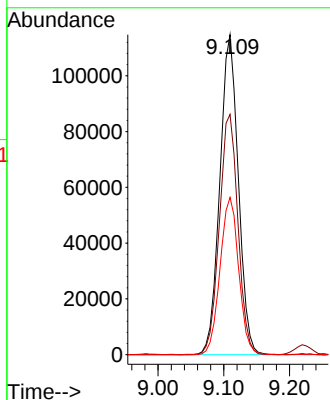
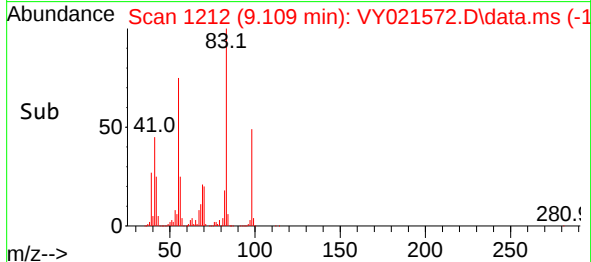
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 22453
Ion Ratio Lower Upper
83 100
55 75.1 60.7 91.1
98 49.1 38.6 57.8

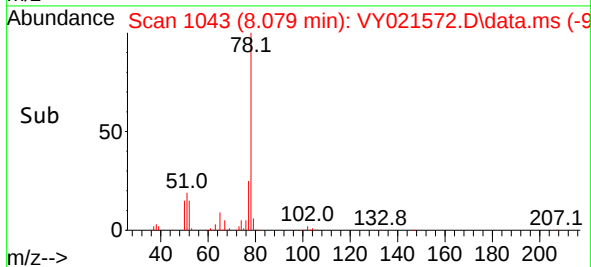
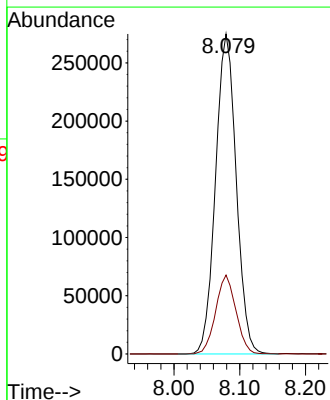
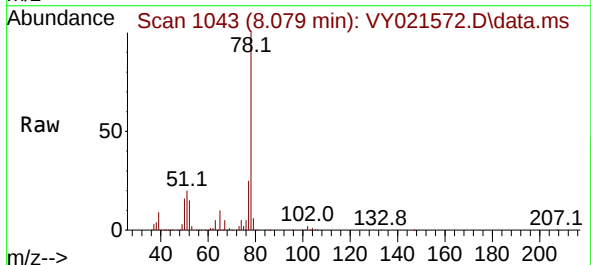
Manual Integrations
APPROVED

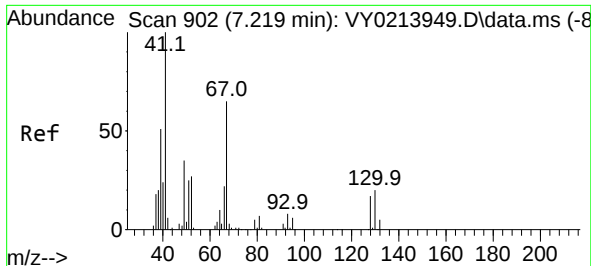
Reviewed By :Mahesh Dadoda 03/20/2025
Supervised By :Semsettin Yesilyurt 03/20/2025



#40
Benzene
Concen: 49.448 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. -0.006 min
Lab File: VY021572.D
Acq: 19 Mar 2025 16:07

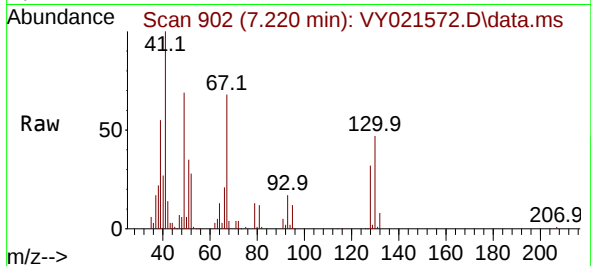
Tgt Ion: 78 Resp: 601344
Ion Ratio Lower Upper
78 100
77 24.7 19.0 28.4





#41
Methacrylonitrile
Concen: 46.461 ug/l
RT: 7.220 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY021572.D
Acq: 19 Mar 2025 16:07

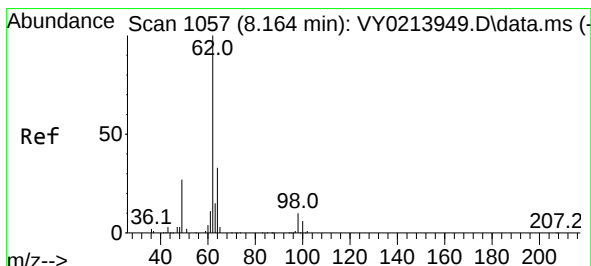
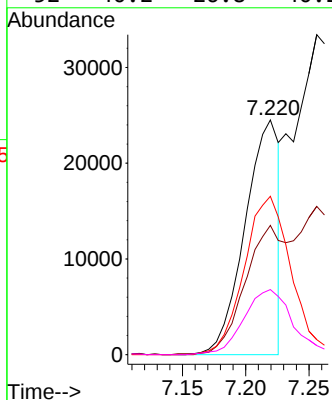
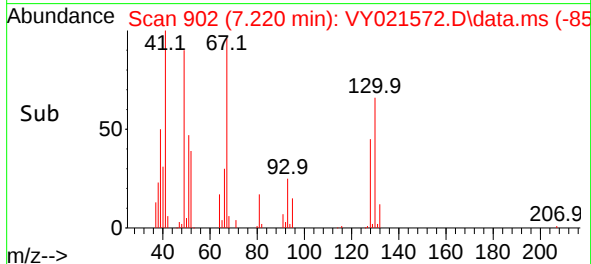
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:	41	Resp:	46160
Ion Ratio	100	Lower	Upper
41	100		
39	64.4	35.0	52.6
67	93.1	61.2	91.8
52	40.2	26.8	40.2

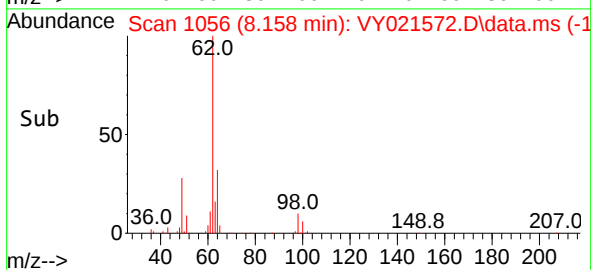
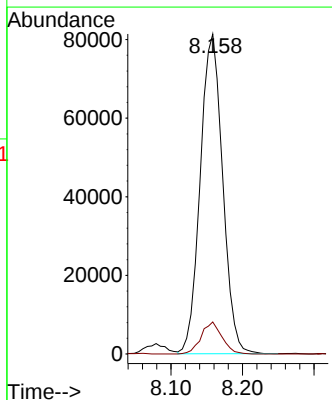
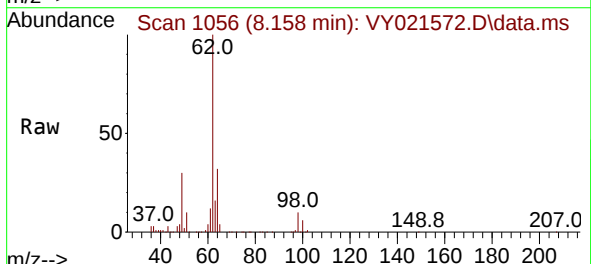
Manual Integrations
APPROVED

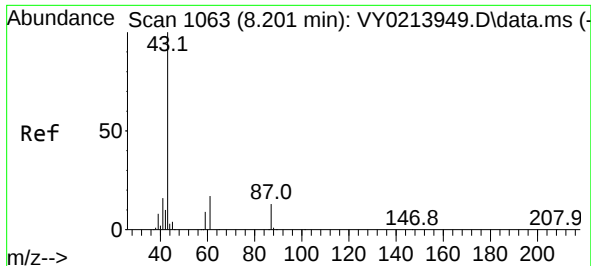
Reviewed By :Mahesh Dadoda 03/20/2025
Supervised By :Semsettin Yesilyurt 03/20/2025



#42
1,2-Dichloroethane
Concen: 52.072 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY021572.D
Acq: 19 Mar 2025 16:07

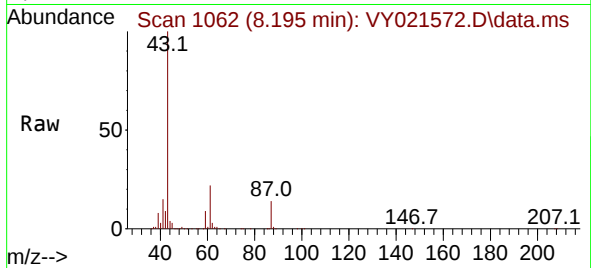
Tgt Ion:	62	Resp:	177154
Ion Ratio	100	Lower	Upper
62	100		
98	9.3	0.0	18.2





#43
Isopropyl Acetate
Concen: 56.994 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. -0.006 min
Lab File: VY021572.D
Acq: 19 Mar 2025 16:07

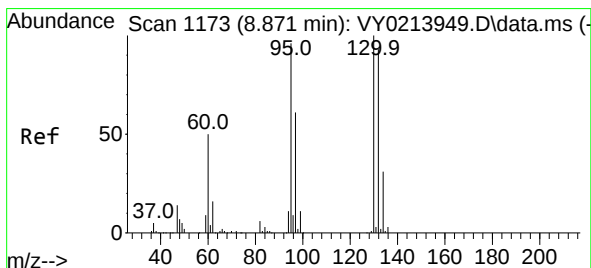
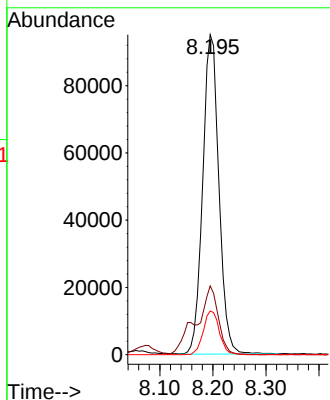
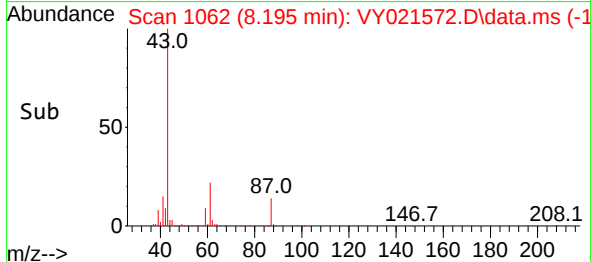
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 201879
Ion Ratio Lower Upper
43 100
61 20.1 23.4 35.0
87 13.5 10.5 15.7

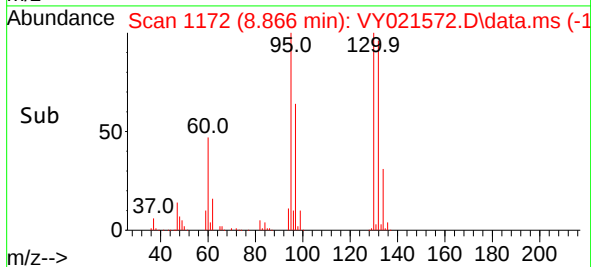
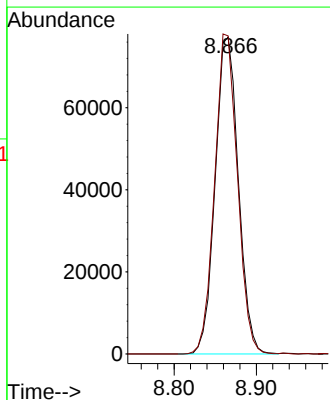
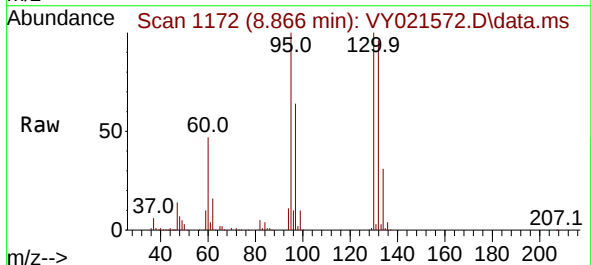
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 03/20/2025
Supervised By :Semsettin Yesilyurt 03/20/2025



#44
Trichloroethene
Concen: 49.277 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. -0.006 min
Lab File: VY021572.D
Acq: 19 Mar 2025 16:07

Tgt Ion:130 Resp: 151433
Ion Ratio Lower Upper
130 100
95 100.4 0.0 191.6





#45

1,2-Dichloropropane

Concen: 51.353 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.006 min

Lab File: VY021572.D

Acq: 19 Mar 2025 16:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 14863

Ion Ratio Lower Upper

63 100

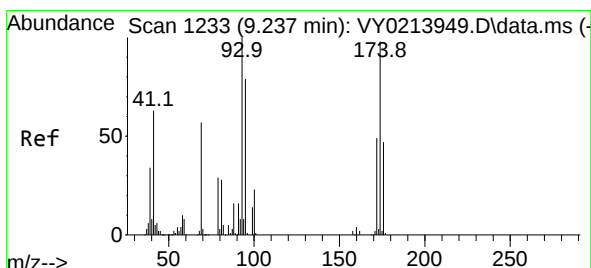
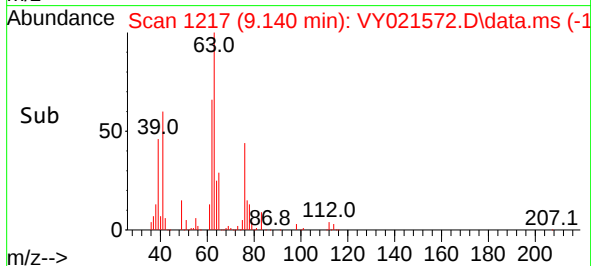
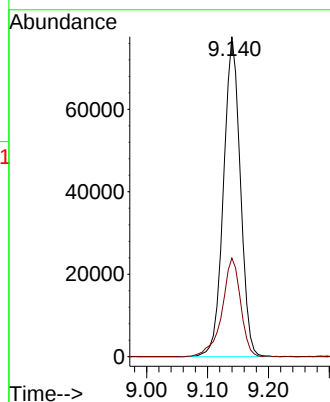
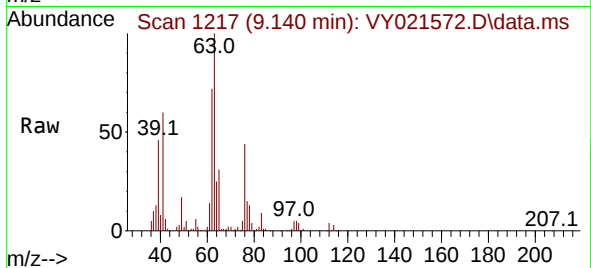
65 30.8 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/20/2025

Supervised By :Semsettin Yesilyurt 03/20/2025



#46

Dibromomethane

Concen: 53.859 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.006 min

Lab File: VY021572.D

Acq: 19 Mar 2025 16:07

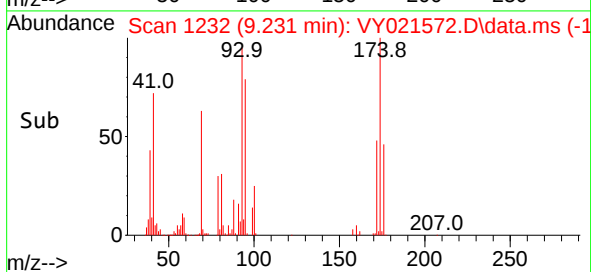
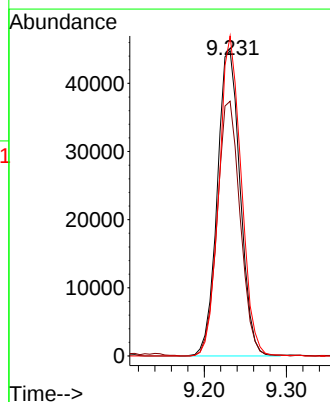
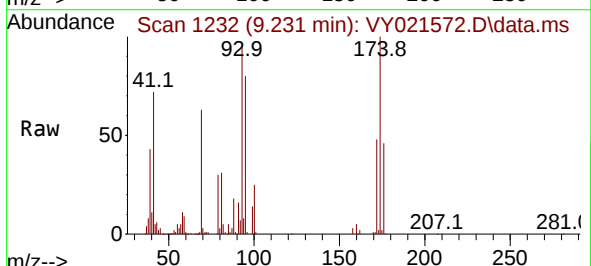
Tgt Ion: 93 Resp: 86737

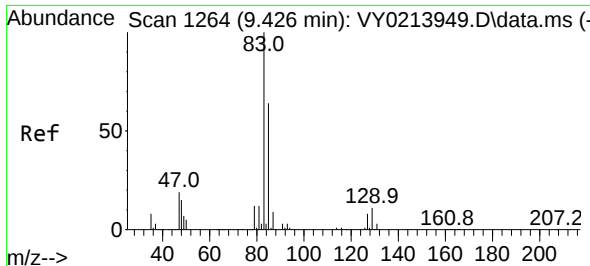
Ion Ratio Lower Upper

93 100

95 83.7 65.8 98.8

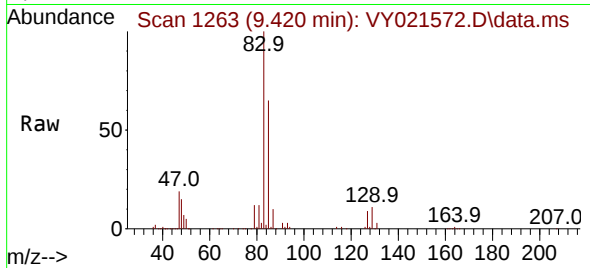
174 101.6 77.9 116.9





#47
Bromodichloromethane
Concen: 53.041 ug/l
RT: 9.420 min Scan# 1264
Delta R.T. -0.006 min
Lab File: VY021572.D
Acq: 19 Mar 2025 16:07

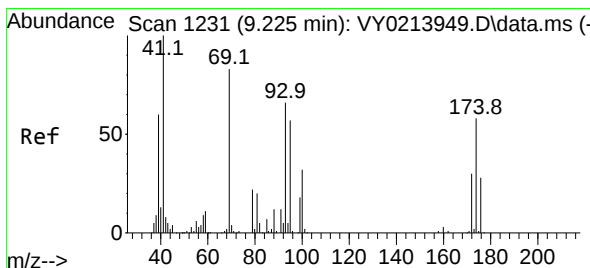
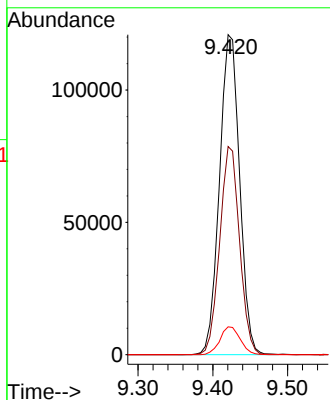
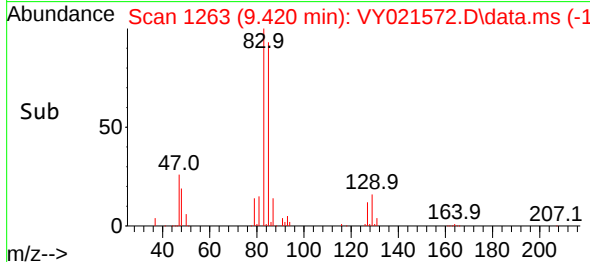
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 226840
Ion Ratio Lower Upper
83 100
85 65.0 51.1 76.7
127 8.7 6.7 10.1

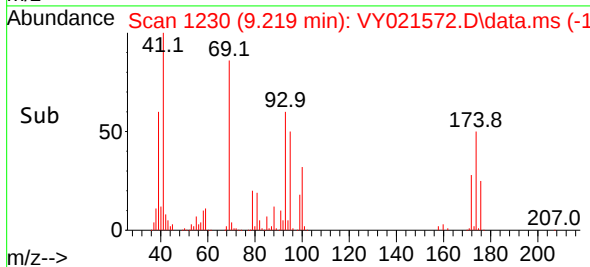
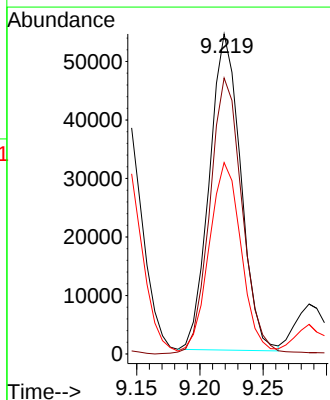
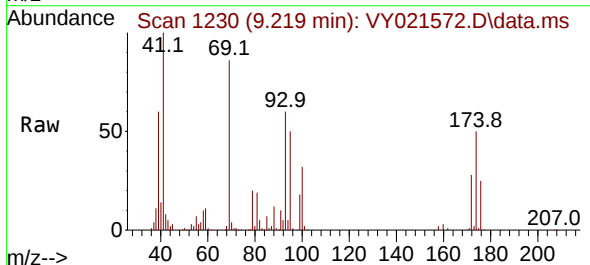
Manual Integrations
APPROVED

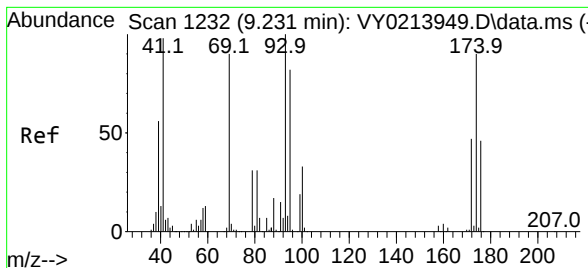
Reviewed By :Mahesh Dadoda 03/20/2025
Supervised By :Semsettin Yesilyurt 03/20/2025



#48
Methyl methacrylate
Concen: 57.355 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.006 min
Lab File: VY021572.D
Acq: 19 Mar 2025 16:07

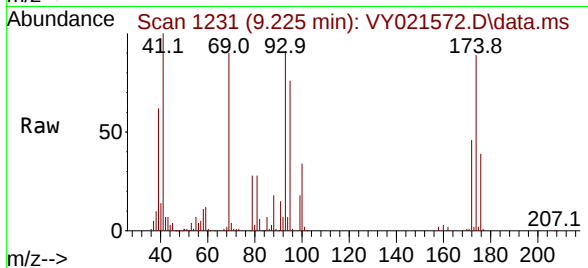
Tgt Ion: 41 Resp: 93289
Ion Ratio Lower Upper
41 100
69 90.5 67.8 101.8
39 60.3 46.4 69.6





#49
1,4-Dioxane
Concen: 1263.239 ug/l
RT: 9.225 min Scan# 1196
Delta R.T. -0.006 min
Lab File: VY021572.D
Acq: 19 Mar 2025 16:07

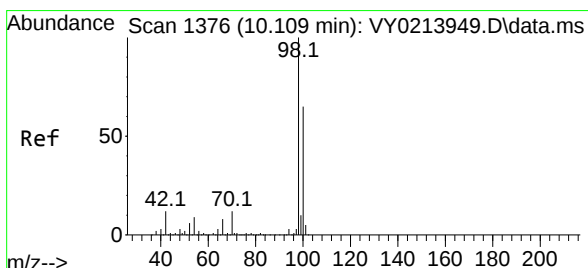
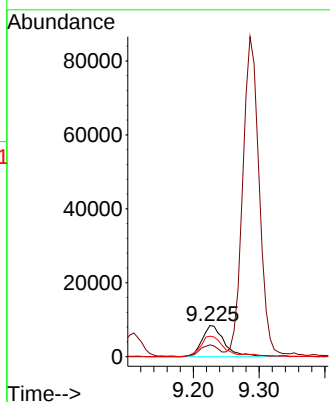
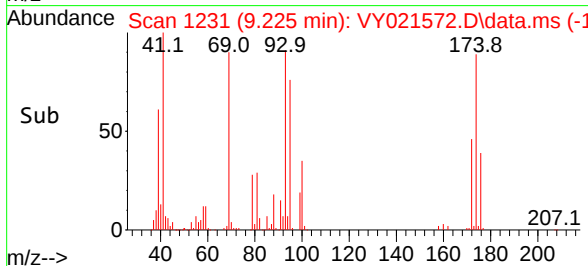
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 1996
Ion Ratio Lower Upper
88 100
43 31.6 25.0 37.4
58 65.8 58.4 87.6

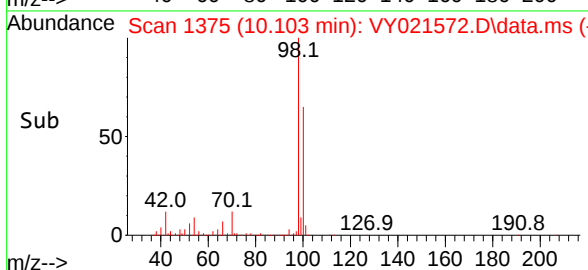
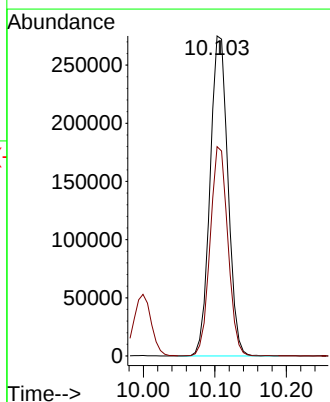
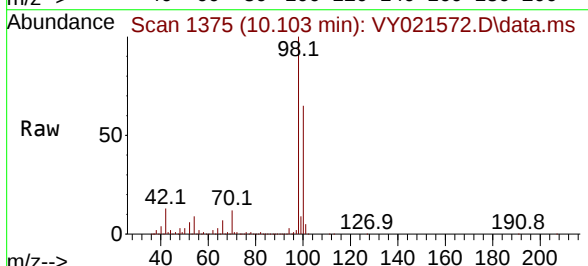
Manual Integrations
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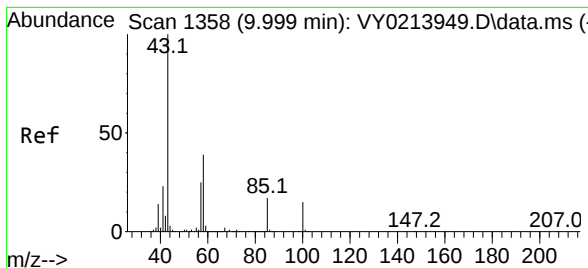
Reviewed By :Mahesh Dadoda 03/20/2025
Supervised By :Semsettin Yesilyurt 03/20/2025



#50
Toluene-d8
Concen: 47.826 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY021572.D
Acq: 19 Mar 2025 16:07

Tgt Ion: 98 Resp: 477588
Ion Ratio Lower Upper
98 100
100 64.7 52.1 78.1





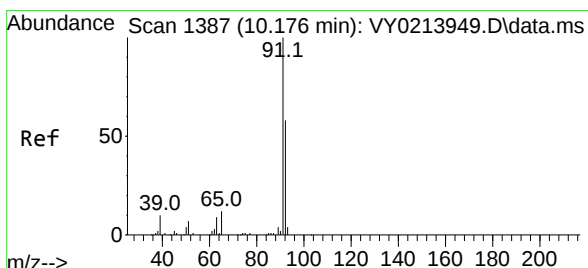
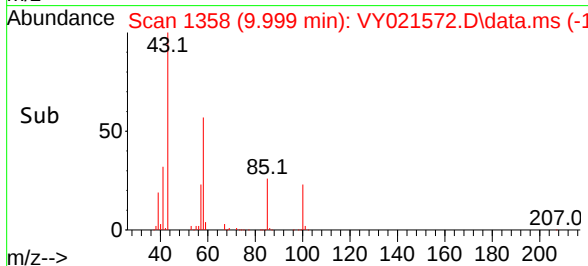
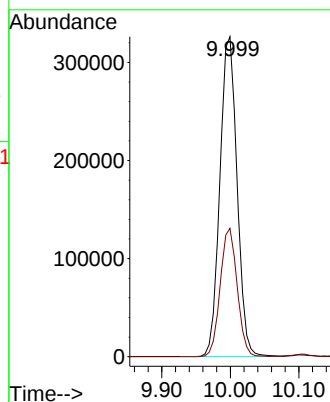
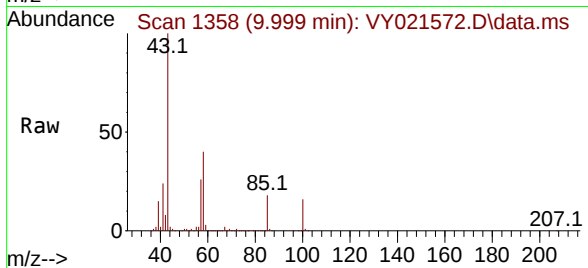
#51
4-Methyl-2-Pentanone
Concen: 309.722 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY021572.D
Acq: 19 Mar 2025 16:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 56605
Ion Ratio Lower Upper
43 100
58 39.7 31.4 47.2

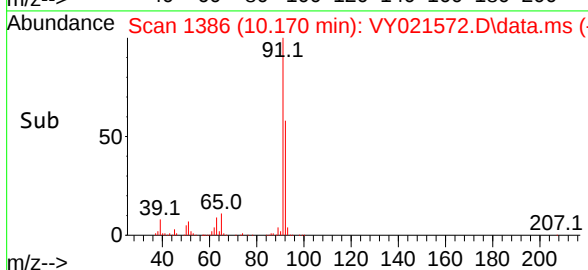
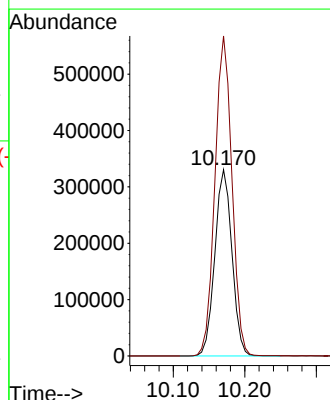
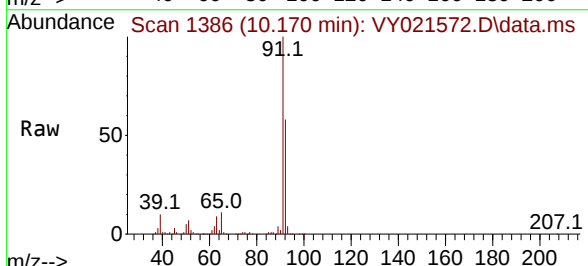
Manual Integrations
APPROVED

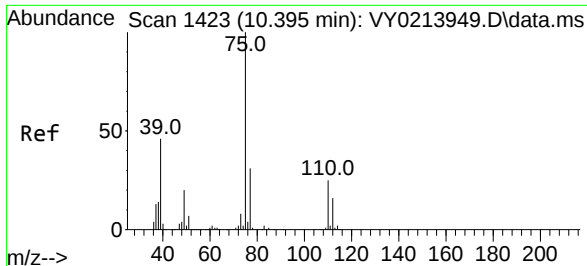
Reviewed By :Mahesh Dadoda 03/20/2025
Supervised By :Semsettin Yesilyurt 03/20/2025



#52
Toluene
Concen: 71.588 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY021572.D
Acq: 19 Mar 2025 16:07

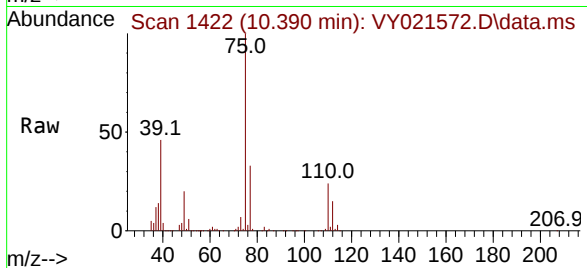
Tgt Ion: 92 Resp: 548868
Ion Ratio Lower Upper
92 100
91 170.8 138.2 207.2





#53
 t-1,3-Dichloropropene
 Concen: 53.456 ug/l
 RT: 10.390 min Scan# 1423
 Delta R.T. -0.006 min
 Lab File: VY021572.D
 Acq: 19 Mar 2025 16:07

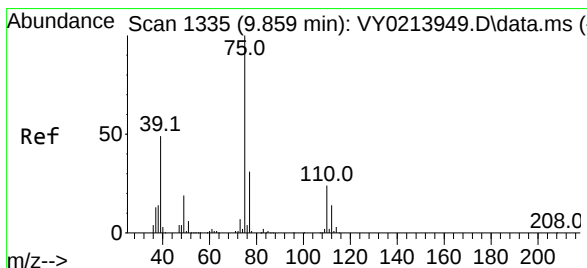
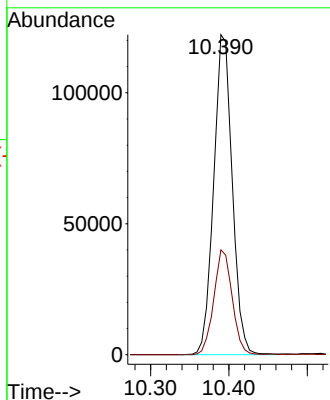
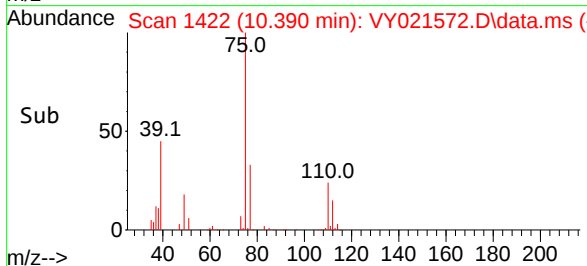
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 75 Resp: 201419
 Ion Ratio Lower Upper
 75 100
 77 32.8 25.0 37.6

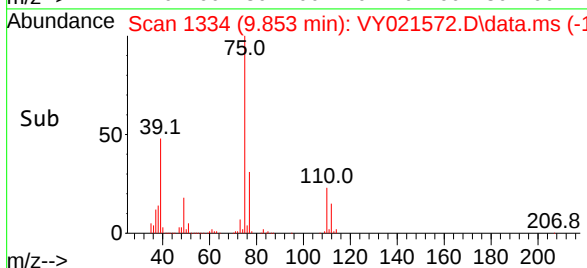
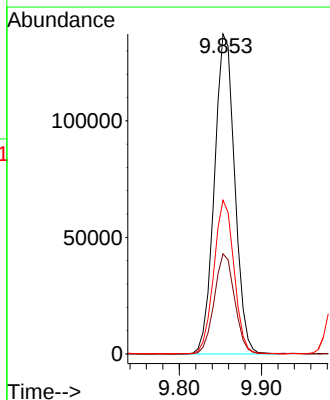
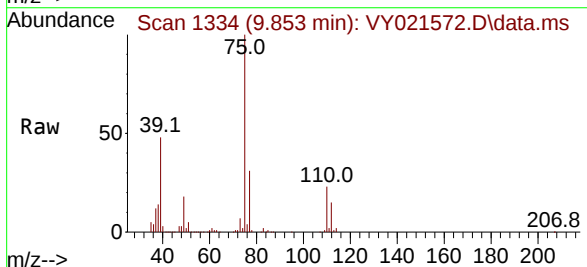
Manual Integrations
 APPROVED

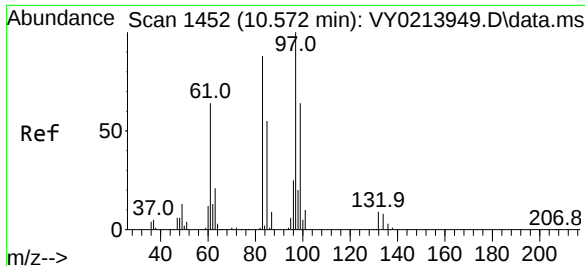
Reviewed By :Mahesh Dadoda 03/20/2025
 Supervised By :Semsettin Yesilyurt 03/20/2025



#54
 cis-1,3-Dichloropropene
 Concen: 52.725 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. -0.006 min
 Lab File: VY021572.D
 Acq: 19 Mar 2025 16:07

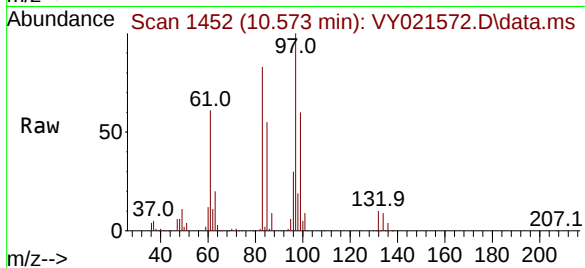
Tgt Ion: 75 Resp: 235870
 Ion Ratio Lower Upper
 75 100
 77 31.3 24.6 37.0
 39 48.0 39.4 59.2





#55
1,1,2-Trichloroethane
Concen: 55.566 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY021572.D
Acq: 19 Mar 2025 16:07

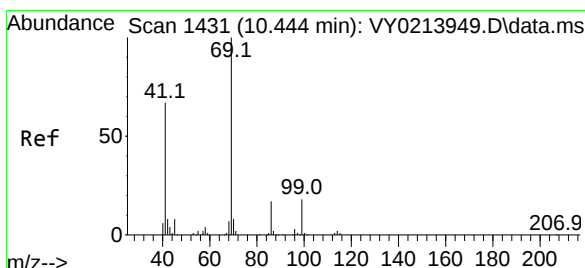
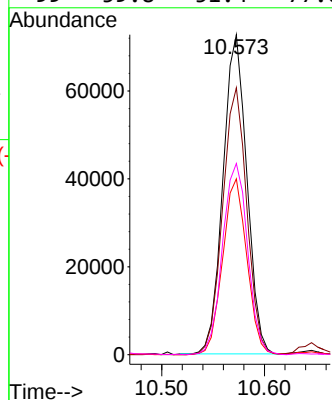
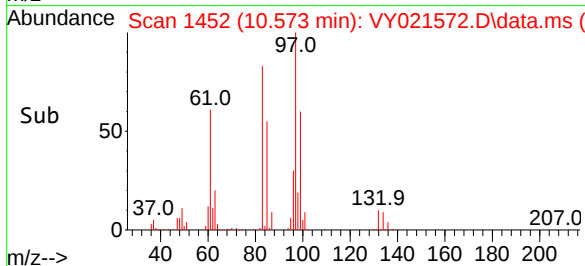
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



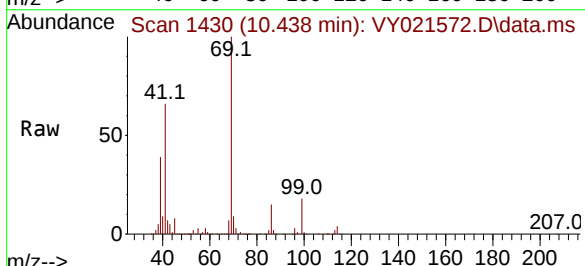
Tgt Ion: 97 Resp: 11705
Ion Ratio Lower Upper
97 100
83 83.6 70.0 105.0
85 55.1 44.3 66.5
99 59.8 51.4 77.0

Manual Integrations
APPROVED

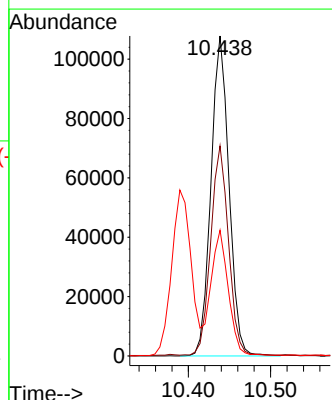
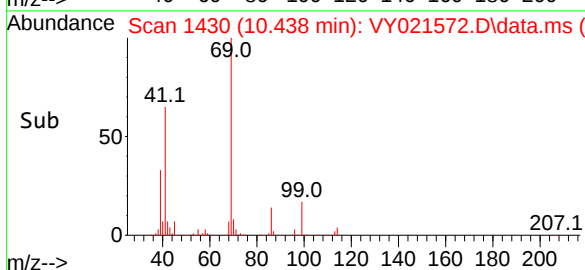
Reviewed By :Mahesh Dadoda 03/20/2025
Supervised By :Semsettin Yesilyurt 03/20/2025

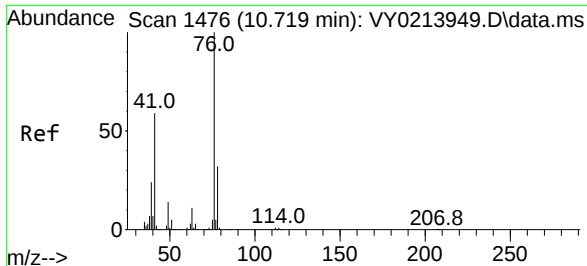


#56
Ethyl methacrylate
Concen: 61.089 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VY021572.D
Acq: 19 Mar 2025 16:07



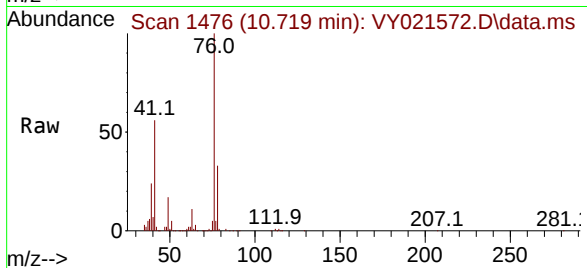
Tgt Ion: 69 Resp: 164126
Ion Ratio Lower Upper
69 100
41 65.0 53.3 79.9
39 38.0 31.0 46.6





#57
1,3-Dichloropropane
Concen: 55.402 ug/l
RT: 10.719 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VY021572.D
Acq: 19 Mar 2025 16:07

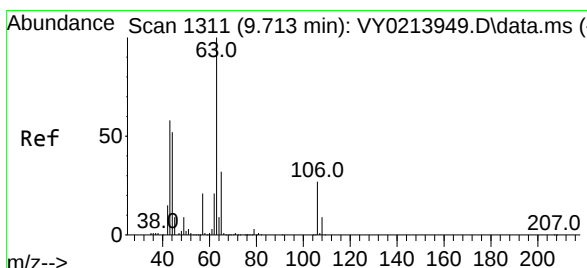
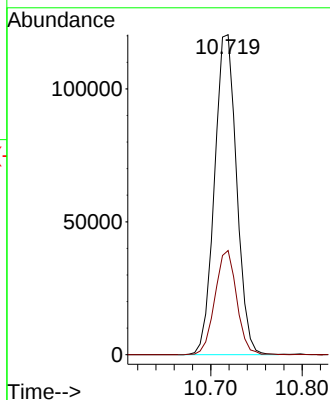
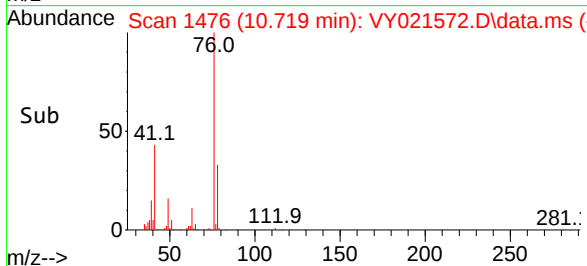
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 202280
Ion Ratio Lower Upper
76 100
78 32.0 26.3 39.5

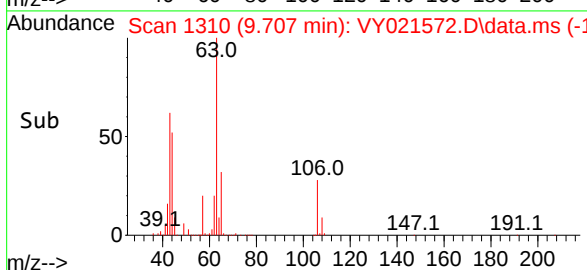
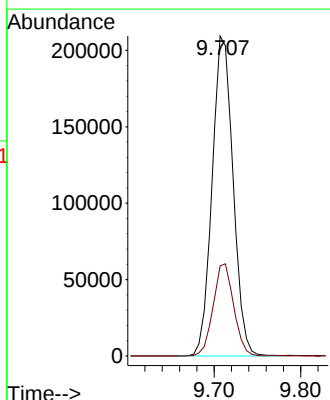
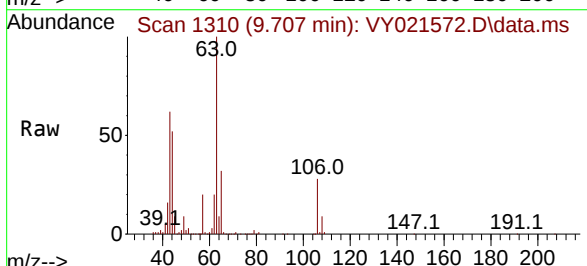
Manual Integrations
APPROVED

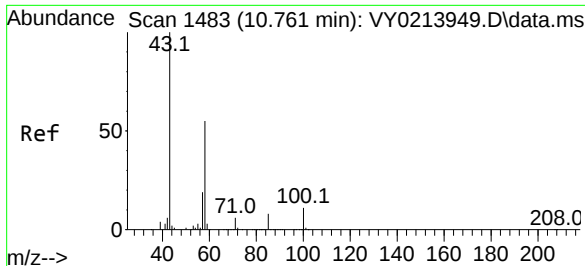
Reviewed By :Mahesh Dadoda 03/20/2025
Supervised By :Semsettin Yesilyurt 03/20/2025



#58
2-Chloroethyl Vinyl ether
Concen: 283.737 ug/l
RT: 9.707 min Scan# 1310
Delta R.T. -0.006 min
Lab File: VY021572.D
Acq: 19 Mar 2025 16:07

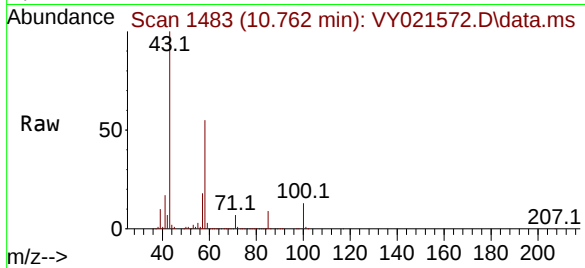
Tgt Ion: 63 Resp: 351901
Ion Ratio Lower Upper
63 100
106 28.2 22.1 33.1





#59
2-Hexanone
Concen: 301.253 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY021572.D
Acq: 19 Mar 2025 16:07

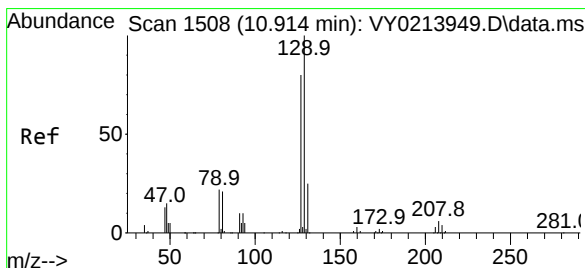
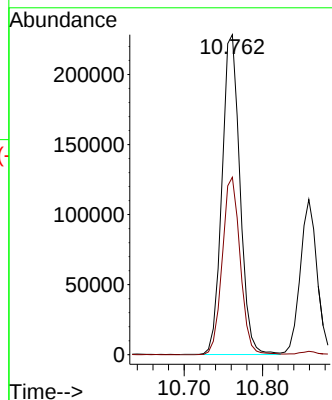
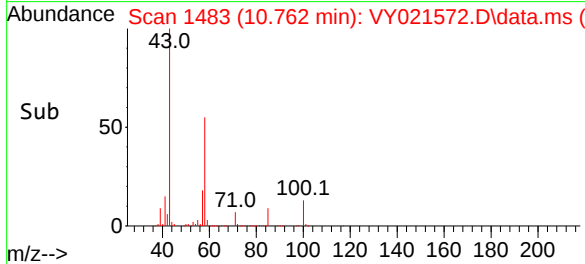
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 364054
Ion Ratio Lower Upper
43 100
58 55.4 27.3 81.8

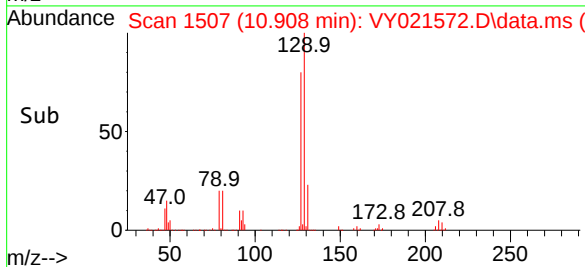
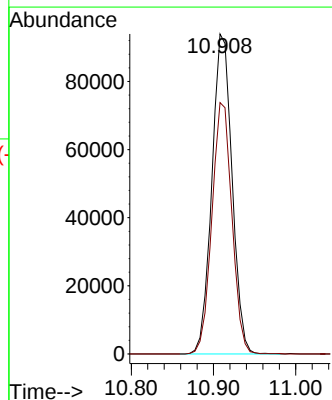
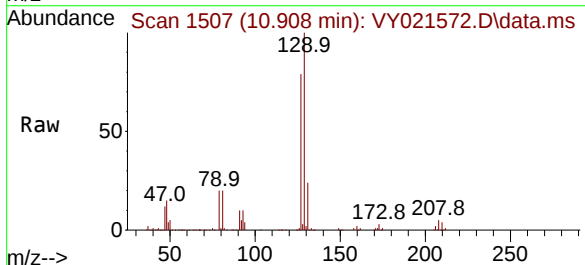
Manual Integrations
APPROVED

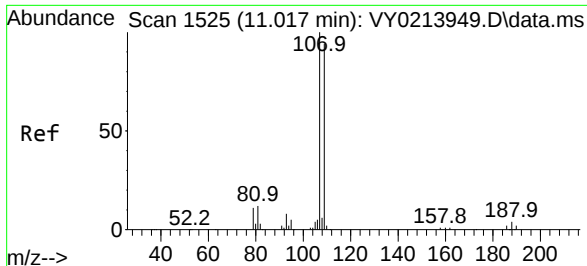
Reviewed By :Mahesh Dadoda 03/20/2025
Supervised By :Semsettin Yesilyurt 03/20/2025



#60
Dibromochloromethane
Concen: 55.564 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.006 min
Lab File: VY021572.D
Acq: 19 Mar 2025 16:07

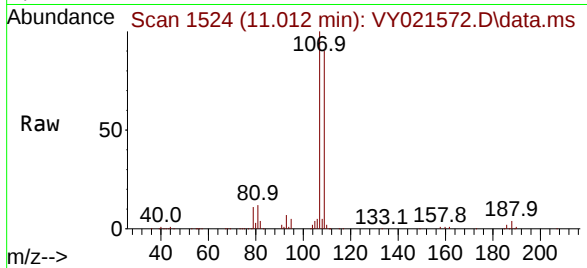
Tgt Ion:129 Resp: 160470
Ion Ratio Lower Upper
129 100
127 77.8 39.1 117.3





#61
1,2-Dibromoethane
Concen: 55.675 ug/l
RT: 11.012 min Scan# 11069
Delta R.T. -0.006 min
Lab File: VY021572.D
Acq: 19 Mar 2025 16:07

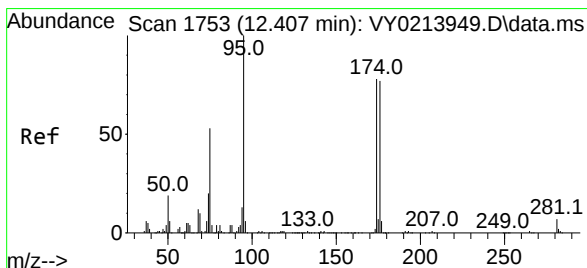
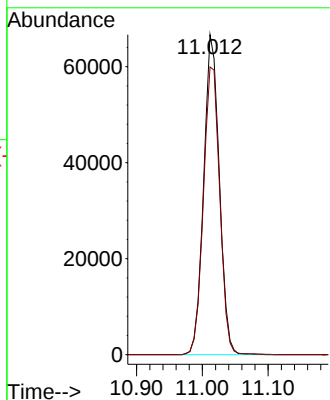
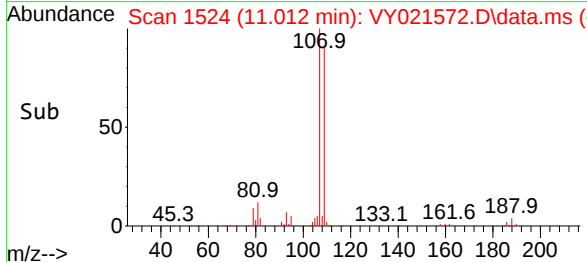
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 11069
Ion Ratio Lower Upper
107 100
109 93.7 75.8 113.8

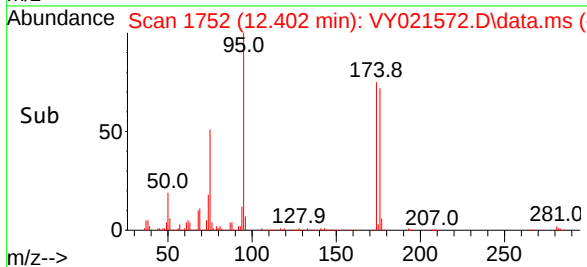
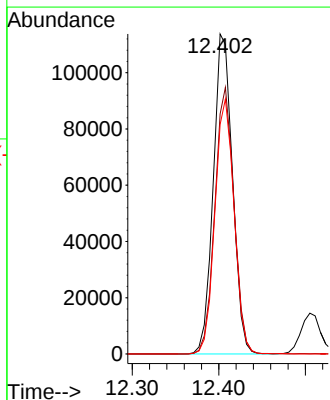
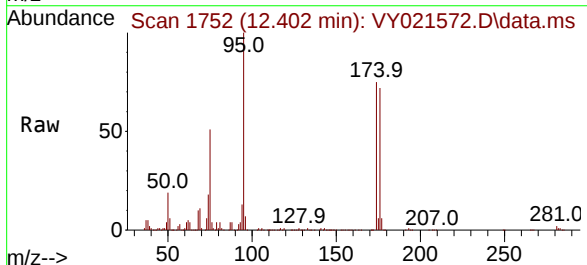
Manual Integrations
APPROVED

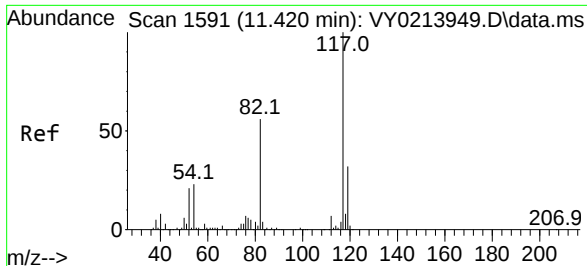
Reviewed By :Mahesh Dadoda 03/20/2025
Supervised By :Semsettin Yesilyurt 03/20/2025



#62
4-Bromofluorobenzene
Concen: 51.623 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY021572.D
Acq: 19 Mar 2025 16:07

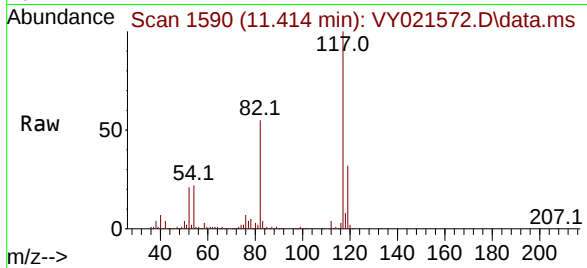
Tgt Ion: 95 Resp: 175354
Ion Ratio Lower Upper
95 100
174 83.2 0.0 165.0
176 79.6 0.0 160.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021572.D
Acq: 19 Mar 2025 16:07

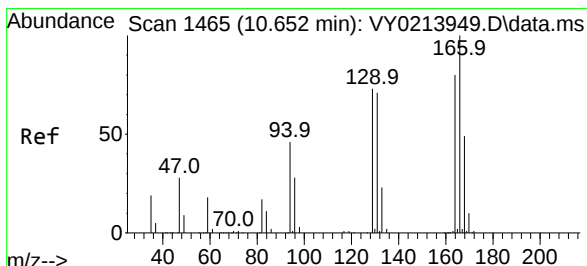
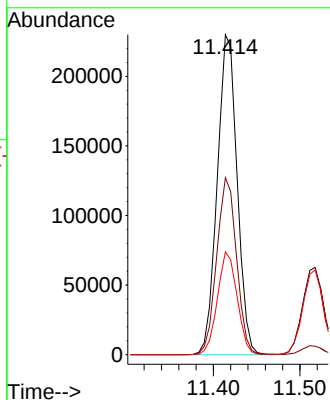
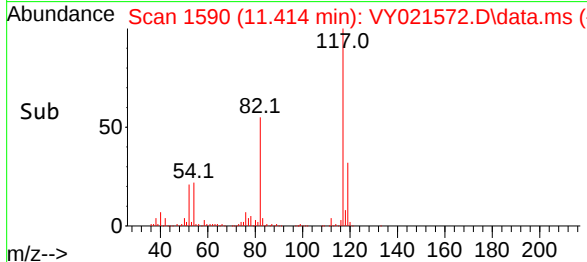
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 36670
Ion Ratio Lower Upper
117 100
82 55.3 44.6 67.0
119 32.2 25.4 38.0

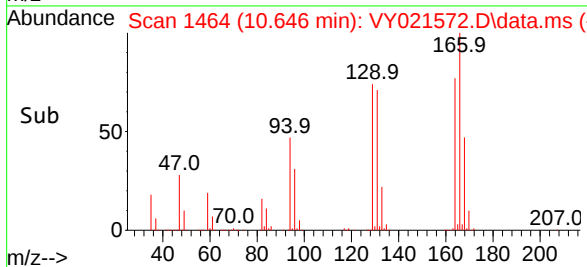
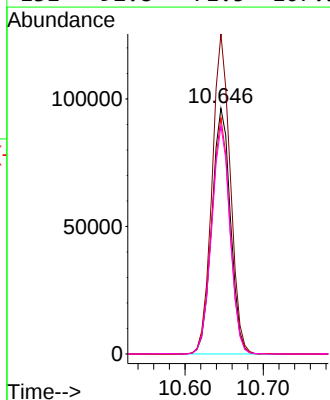
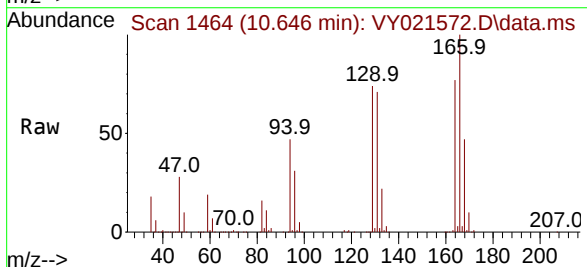
Manual Integrations
APPROVED

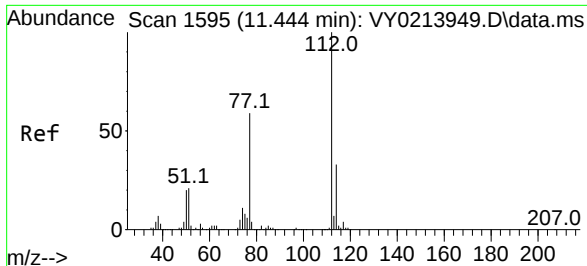
Reviewed By :Mahesh Dadoda 03/20/2025
Supervised By :Semsettin Yesilyurt 03/20/2025



#64
Tetrachloroethene
Concen: 53.352 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VY021572.D
Acq: 19 Mar 2025 16:07

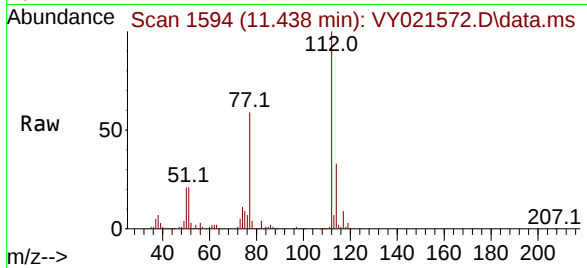
Tgt Ion:164 Resp: 159089
Ion Ratio Lower Upper
164 100
166 130.2 100.4 150.6
129 96.1 73.8 110.8
131 92.8 71.5 107.3





#65
Chlorobenzene
Concen: 49.118 ug/l
RT: 11.438 min Scan# 111
Delta R.T. -0.006 min
Lab File: VY021572.D
Acq: 19 Mar 2025 16:07

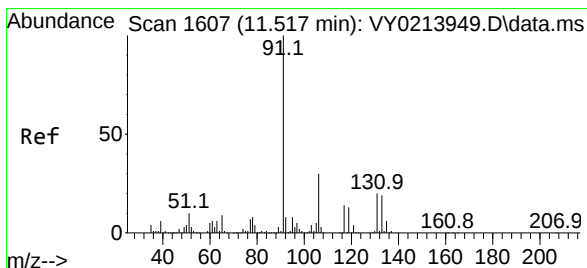
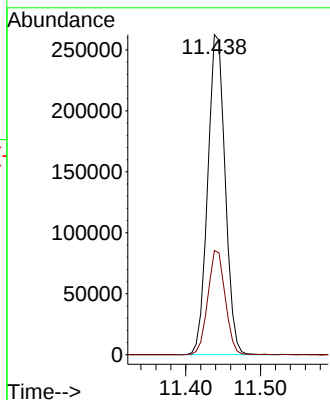
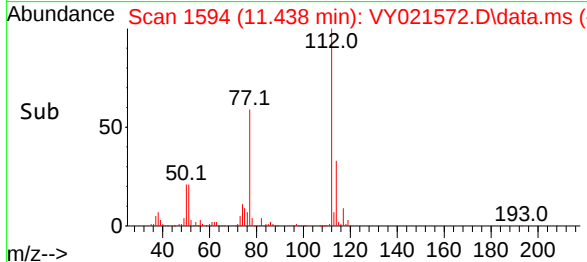
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



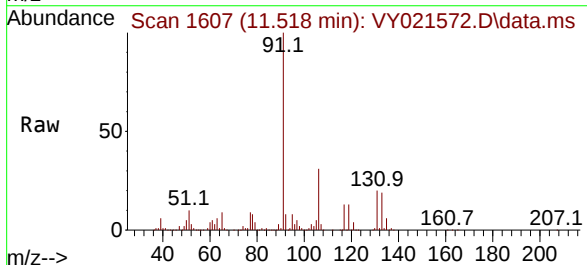
Tgt Ion:112 Resp: 425334
Ion Ratio Lower Upper
112 100
114 32.6 26.1 39.1

Manual Integrations
APPROVED

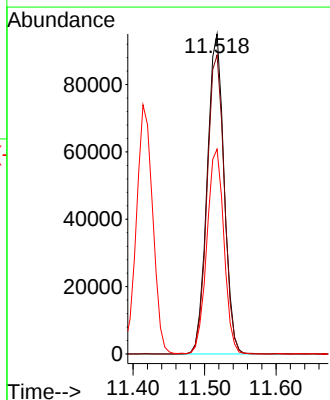
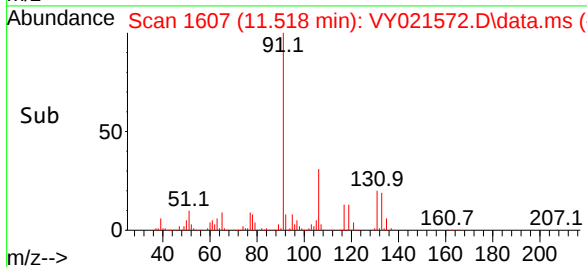
Reviewed By :Mahesh Dadoda 03/20/2025
Supervised By :Semsettin Yesilyurt 03/20/2025

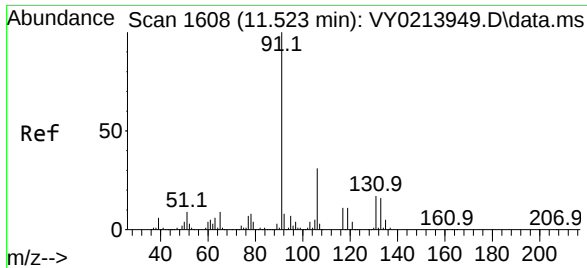


#66
1,1,1,2-Tetrachloroethane
Concen: 50.865 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021572.D
Acq: 19 Mar 2025 16:07



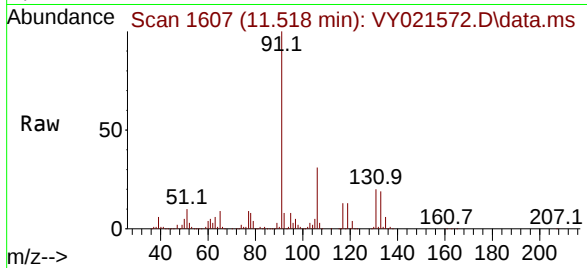
Tgt Ion:131 Resp: 155726
Ion Ratio Lower Upper
131 100
133 95.2 47.6 142.9
119 64.5 32.3 96.9





#67
Ethyl Benzene
Concen: 48.230 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. -0.006 min
Lab File: VY021572.D
Acq: 19 Mar 2025 16:07

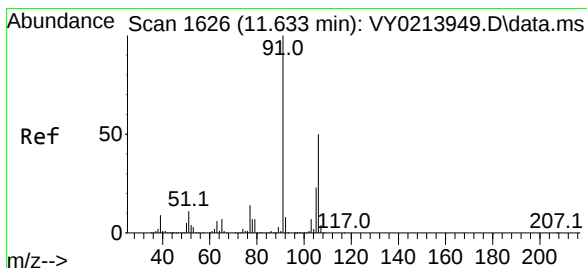
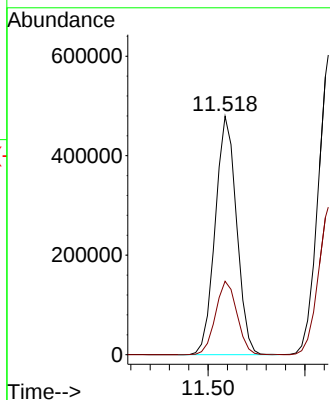
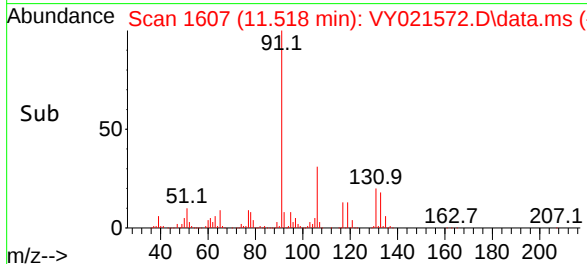
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



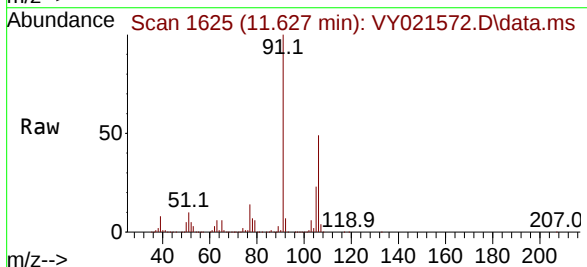
Tgt Ion: 91 Resp: 733048
Ion Ratio Lower Upper
91 100
106 30.8 24.6 36.8

Manual Integrations
APPROVED

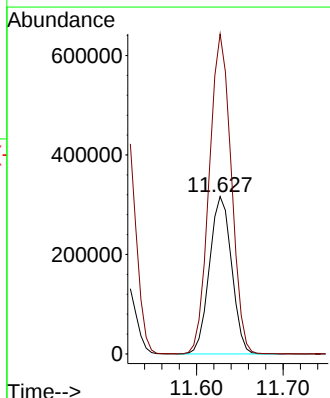
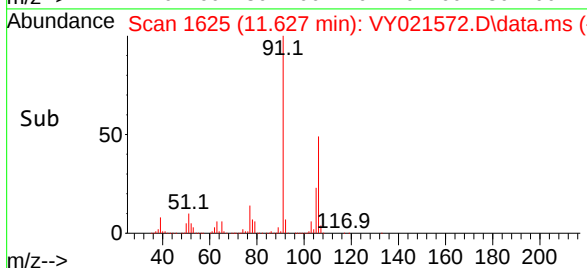
Reviewed By :Mahesh Dadoda 03/20/2025
Supervised By :Semsettin Yesilyurt 03/20/2025

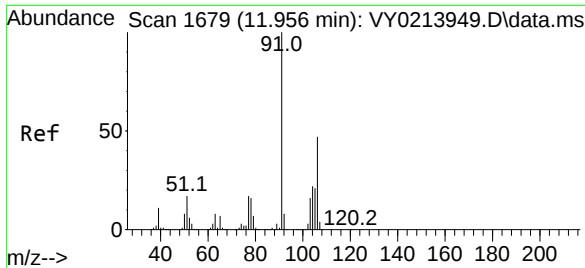


#68
m/p-Xylenes
Concen: 97.447 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.006 min
Lab File: VY021572.D
Acq: 19 Mar 2025 16:07



Tgt Ion:106 Resp: 562303
Ion Ratio Lower Upper
106 100
91 202.5 161.7 242.5





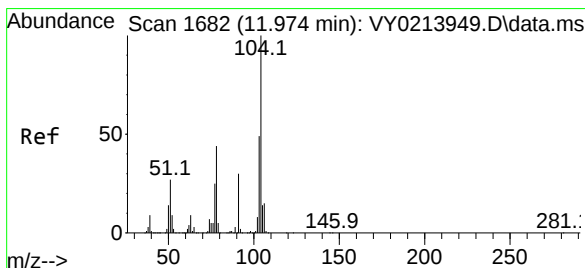
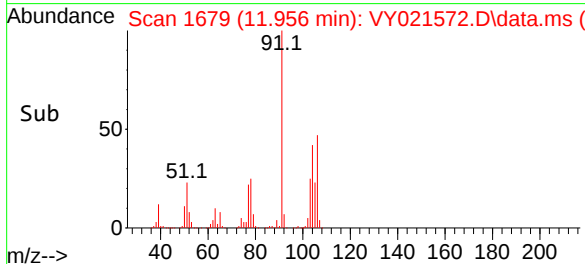
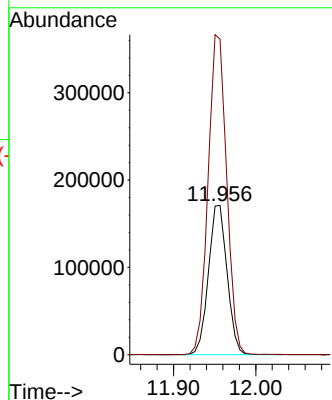
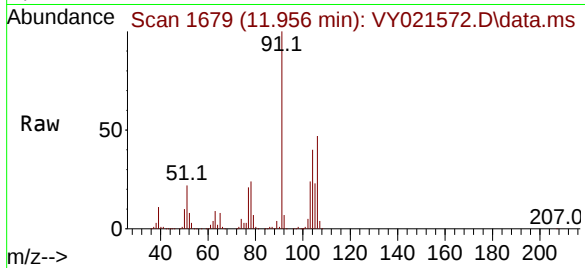
#69
o-Xylene
Concen: 50.663 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY021572.D
Acq: 19 Mar 2025 16:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 26943
Ion Ratio Lower Upper
106 100
91 213.2 107.6 322.8

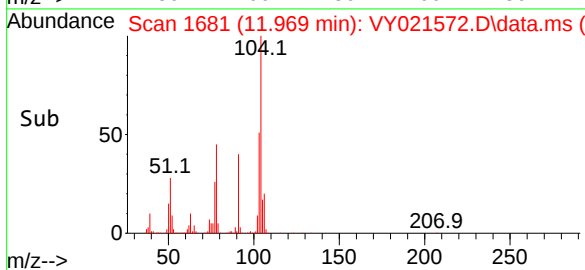
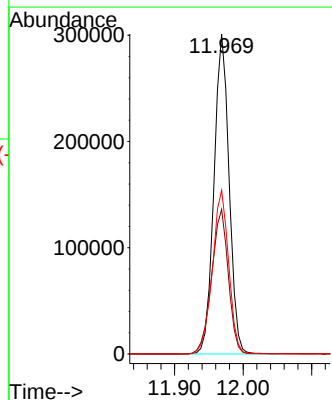
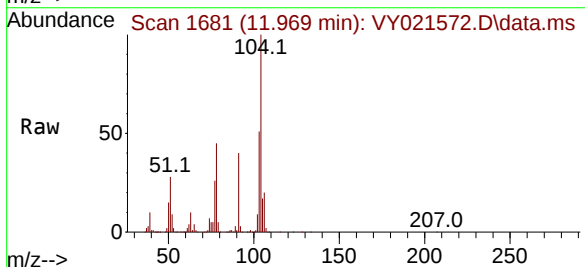
Manual Integrations
APPROVED

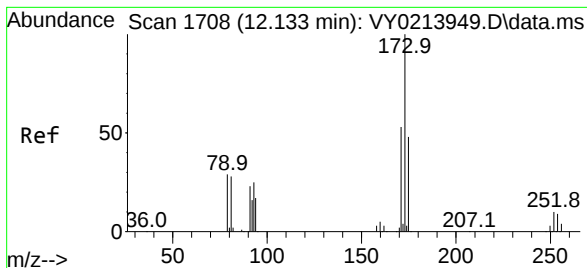
Reviewed By :Mahesh Dadoda 03/20/2025
Supervised By :Semsettin Yesilyurt 03/20/2025



#70
Styrene
Concen: 52.211 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.006 min
Lab File: VY021572.D
Acq: 19 Mar 2025 16:07

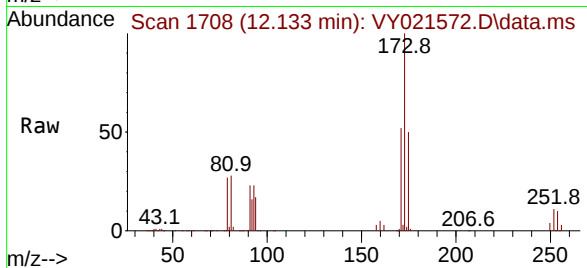
Tgt Ion:104 Resp: 460634
Ion Ratio Lower Upper
104 100
78 50.0 40.7 61.1
103 55.2 44.1 66.1





#71
Bromoform
Concen: 55.165 ug/l
RT: 12.133 min Scan# 1708
Delta R.T. 0.000 min
Lab File: VY021572.D
Acq: 19 Mar 2025 16:07

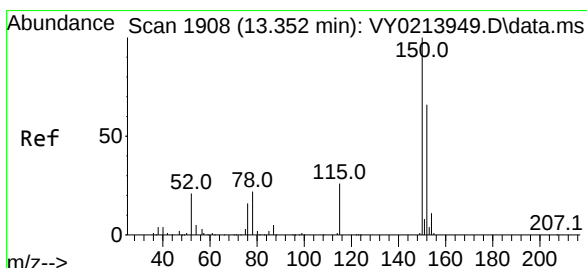
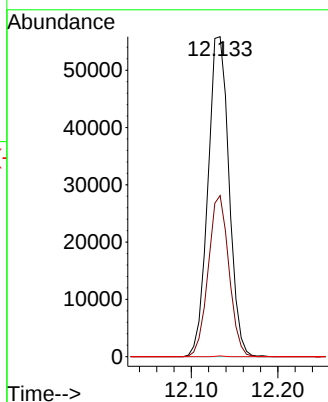
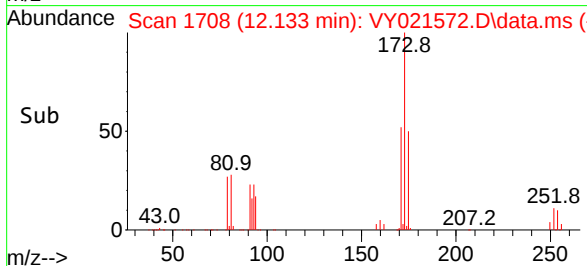
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



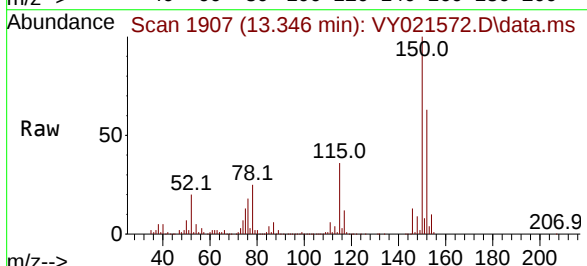
Tgt Ion:173 Resp: 9441
Ion Ratio Lower Upper
173 100
175 49.4 23.9 71.7
254 0.1 0.1 0.1

Manual Integrations
APPROVED

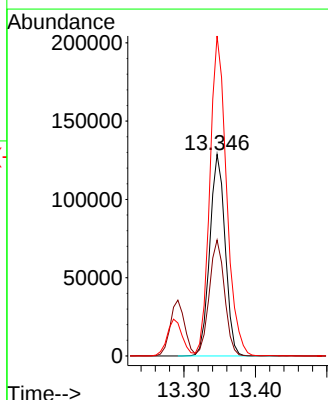
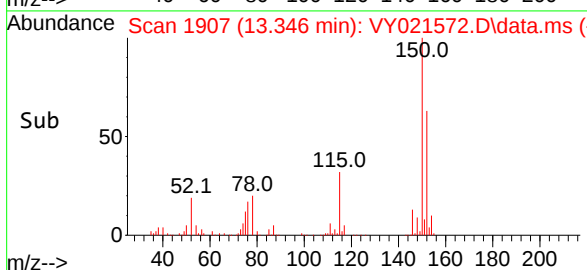
Reviewed By :Mahesh Dadoda 03/20/2025
Supervised By :Semsettin Yesilyurt 03/20/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY021572.D
Acq: 19 Mar 2025 16:07



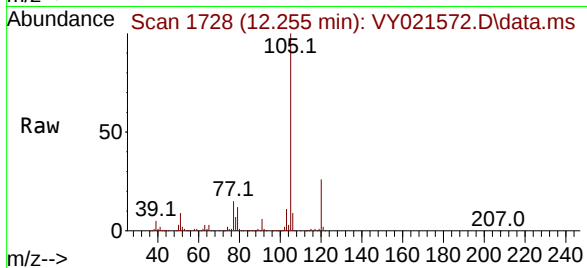
Tgt Ion:152 Resp: 191901
Ion Ratio Lower Upper
152 100
115 57.0 29.0 87.0
150 172.7 0.0 347.2





#73
Isopropylbenzene
Concen: 46.798 ug/l
RT: 12.255 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021572.D
Acq: 19 Mar 2025 16:07

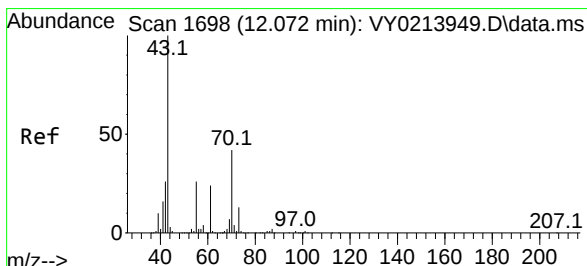
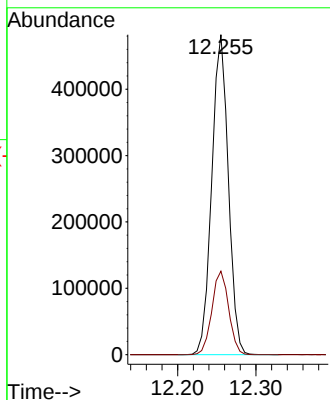
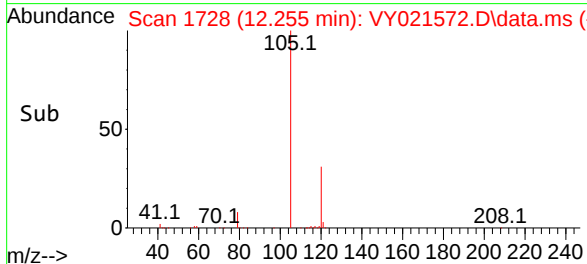
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



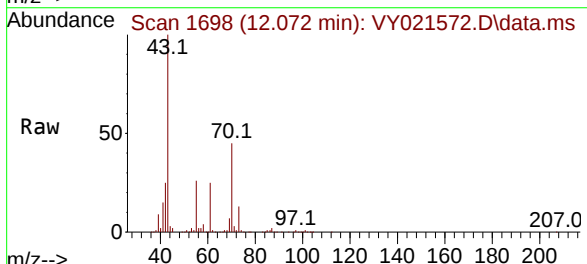
Tgt Ion:105 Resp: 70743
Ion Ratio Lower Upper
105 100
120 26.4 13.1 39.3

Manual Integrations
APPROVED

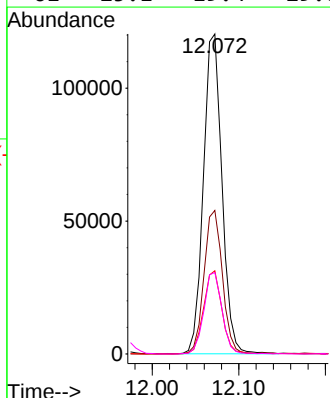
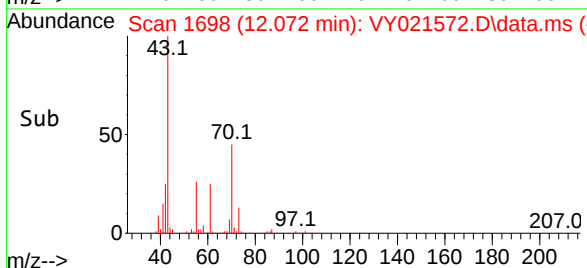
Reviewed By :Mahesh Dadoda 03/20/2025
Supervised By :Semsettin Yesilyurt 03/20/2025

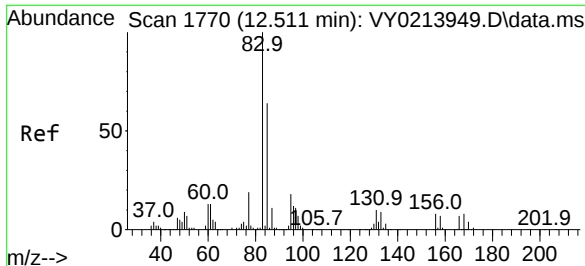


#74
N-ethyl acetate
Concen: 54.549 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY021572.D
Acq: 19 Mar 2025 16:07



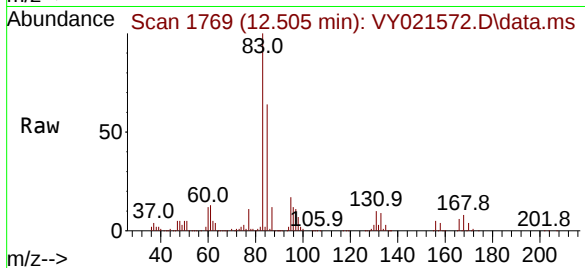
Tgt Ion: 43 Resp: 179080
Ion Ratio Lower Upper
43 100
70 44.7 34.6 51.8
55 25.8 21.1 31.7
61 25.1 19.4 29.0





#75
 1,1,2,2-Tetrachloroethane
 Concen: 49.789 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. -0.006 min
 Lab File: VY021572.D
 Acq: 19 Mar 2025 16:07

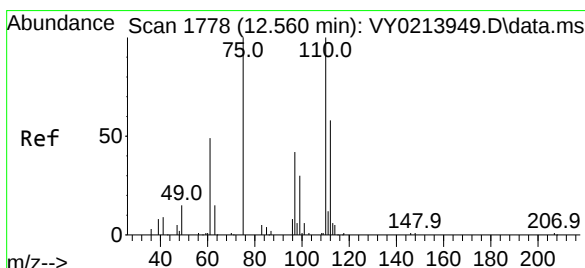
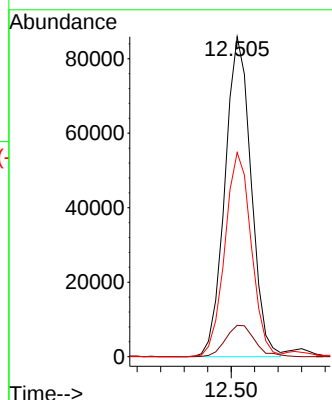
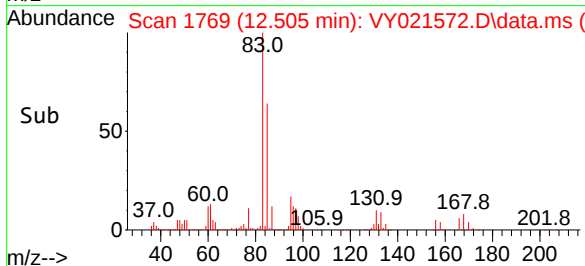
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC



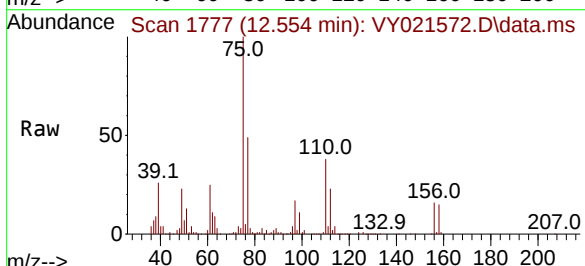
Tgt Ion: 83 Resp: 132810
 Ion Ratio Lower Upper
 83 100
 131 10.9 5.3 16.1
 85 64.4 31.9 95.5

Manual Integrations
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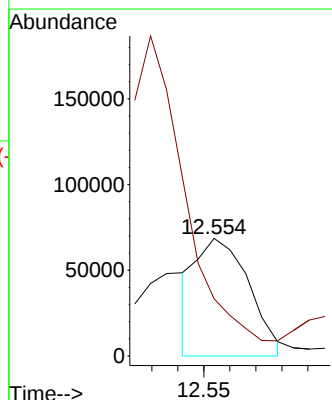
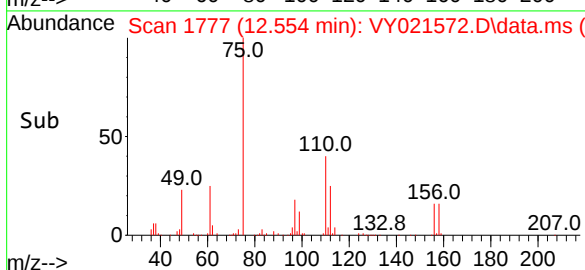
Reviewed By :Mahesh Dadoda 03/20/2025
 Supervised By :Semsettin Yesilyurt 03/20/2025

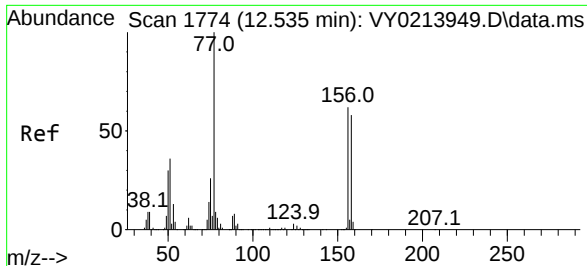


#76
 1,2,3-Trichloropropane
 Concen: 50.360 ug/l m
 RT: 12.554 min Scan# 1777
 Delta R.T. -0.006 min
 Lab File: VY021572.D
 Acq: 19 Mar 2025 16:07



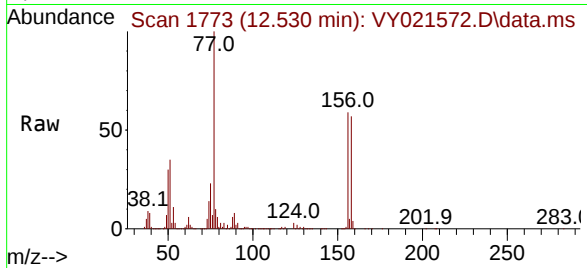
Tgt Ion: 75 Resp: 97383
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 48.992 ug/l
RT: 12.530 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VY021572.D
Acq: 19 Mar 2025 16:07

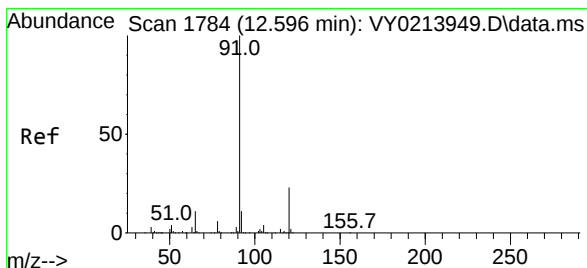
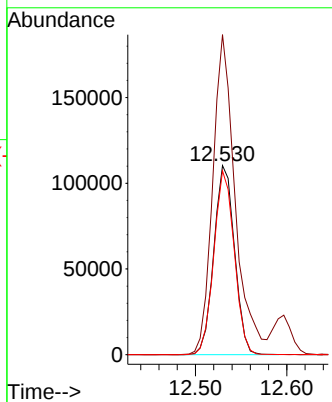
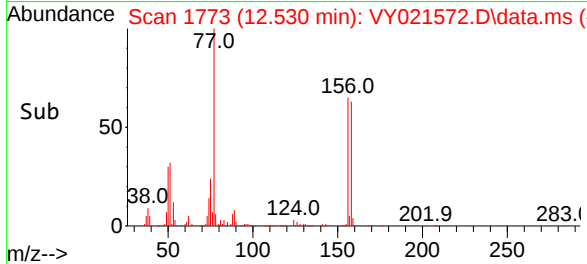
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 156 Resp: 17326
Ion Ratio Lower Upper
156 100
77 184.1 93.6 280.8
158 96.3 48.3 144.8

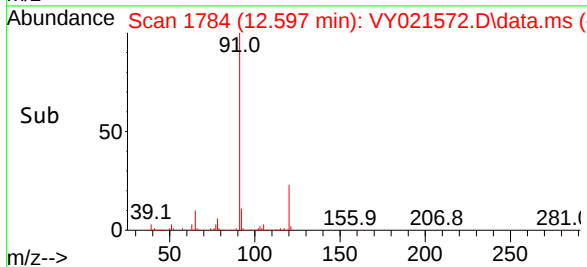
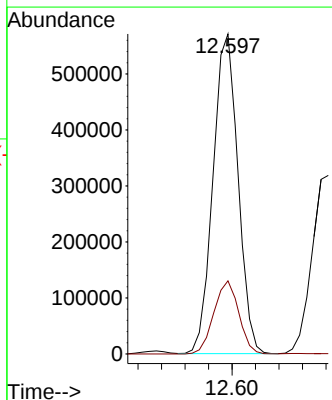
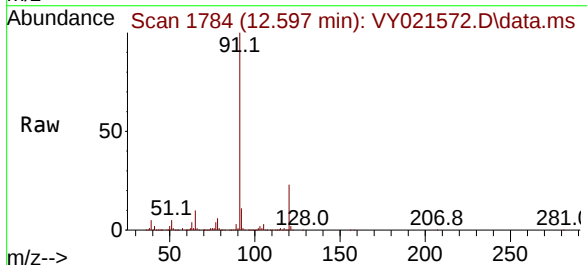
Manual Integrations
APPROVED

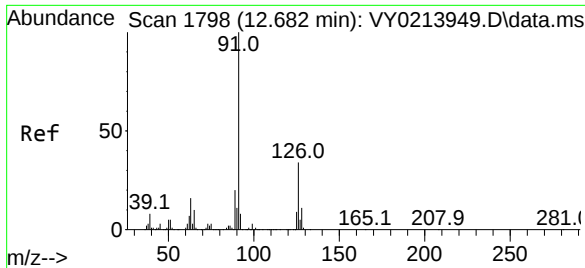
Reviewed By :Mahesh Dadoda 03/20/2025
Supervised By :Semsettin Yesilyurt 03/20/2025



#78
n-propylbenzene
Concen: 45.873 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY021572.D
Acq: 19 Mar 2025 16:07

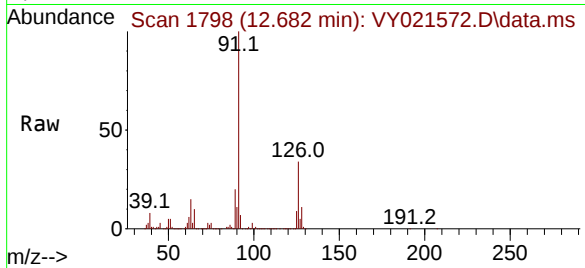
Tgt Ion: 91 Resp: 842169
Ion Ratio Lower Upper
91 100
120 22.8 11.3 33.8





#79
2-Chlorotoluene
Concen: 47.172 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.000 min
Lab File: VY021572.D
Acq: 19 Mar 2025 16:07

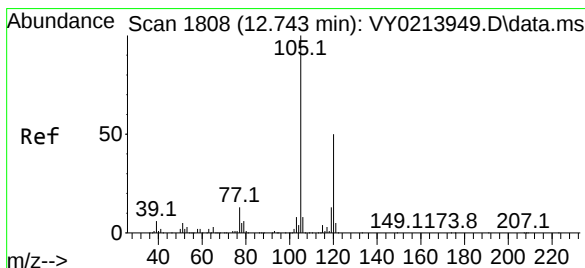
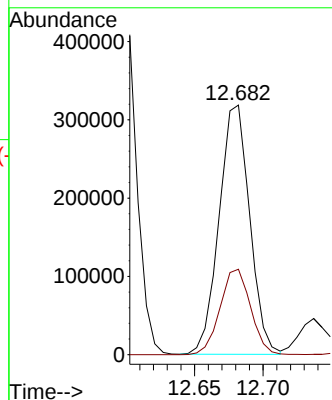
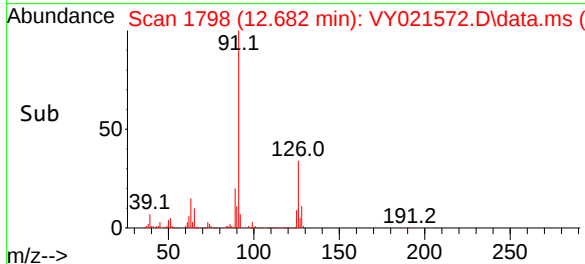
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



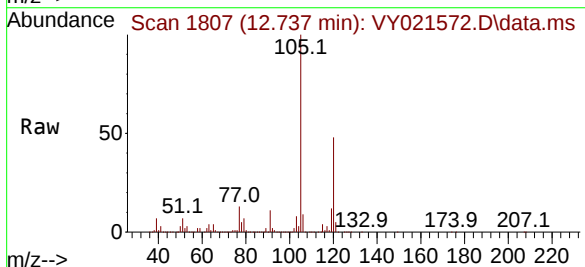
Tgt Ion: 91 Resp: 495189
Ion Ratio Lower Upper
91 100
126 34.2 17.2 51.6

Manual Integrations
APPROVED

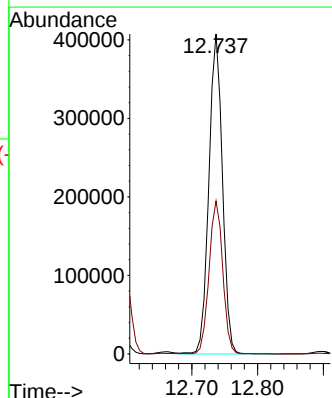
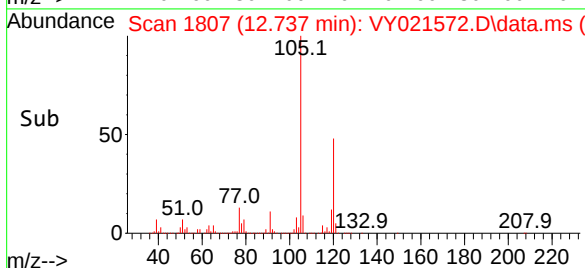
Reviewed By :Mahesh Dadoda 03/20/2025
Supervised By :Semsettin Yesilyurt 03/20/2025

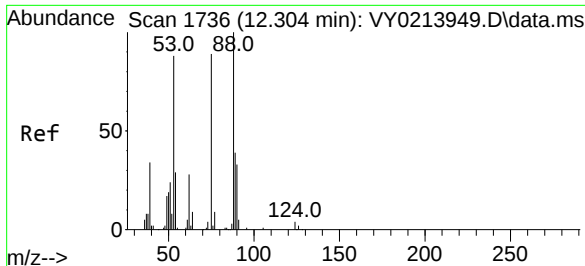


#80
1,3,5-Trimethylbenzene
Concen: 47.492 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.006 min
Lab File: VY021572.D
Acq: 19 Mar 2025 16:07



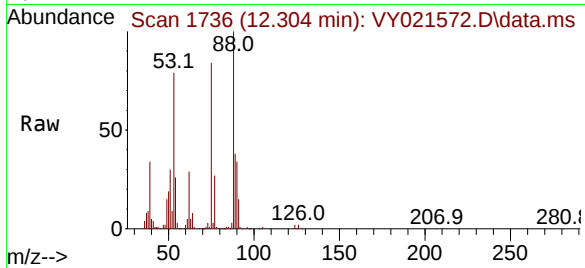
Tgt Ion:105 Resp: 583417
Ion Ratio Lower Upper
105 100
120 48.3 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 49.384 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY021572.D
Acq: 19 Mar 2025 16:07

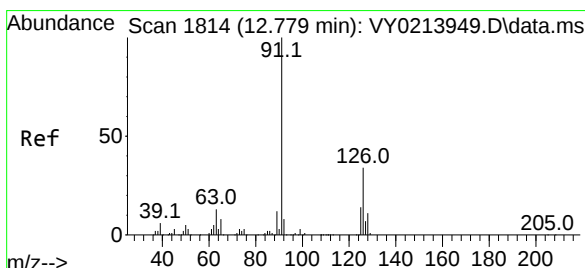
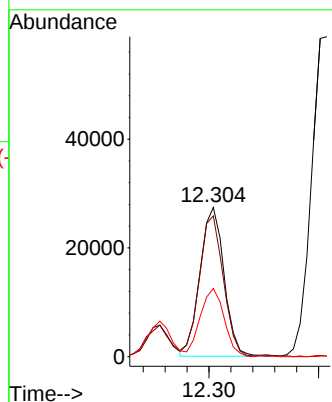
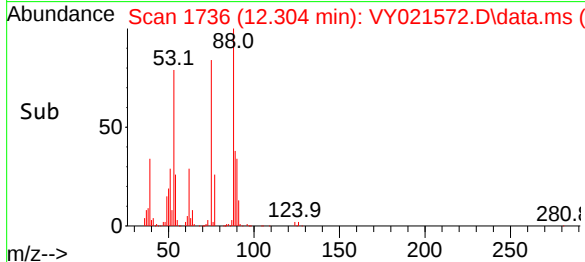
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 42008
Ion Ratio Lower Upper
75 100
53 95.1 81.0 121.4
89 45.0 36.9 55.3

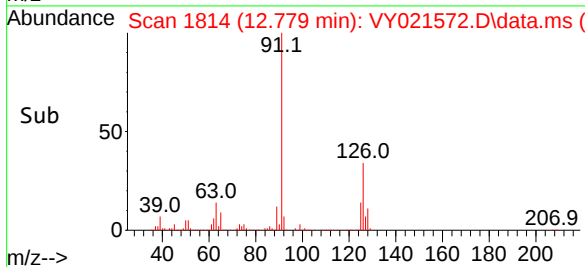
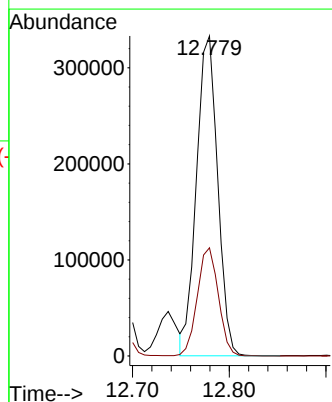
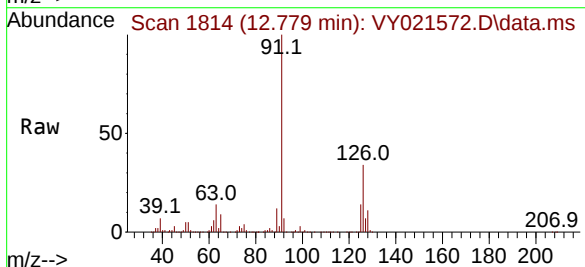
Manual Integrations
APPROVED

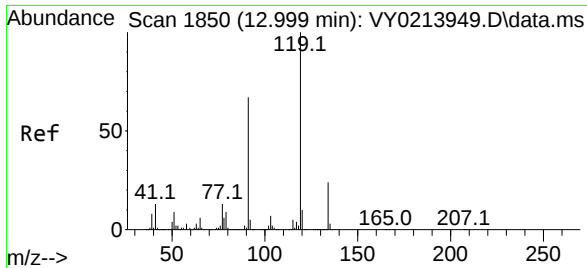
Reviewed By :Mahesh Dadoda 03/20/2025
Supervised By :Semsettin Yesilyurt 03/20/2025



#82
4-Chlorotoluene
Concen: 46.737 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021572.D
Acq: 19 Mar 2025 16:07

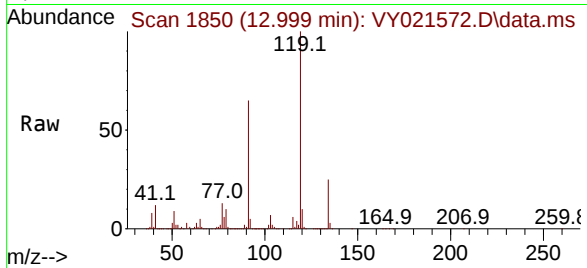
Tgt Ion: 91 Resp: 508046
Ion Ratio Lower Upper
91 100
126 33.7 17.0 51.0





#83
 tert-Butylbenzene
 Concen: 47.405 ug/l
 RT: 12.999 min Scan# 1850
 Delta R.T. 0.000 min
 Lab File: VY021572.D
 Acq: 19 Mar 2025 16:07

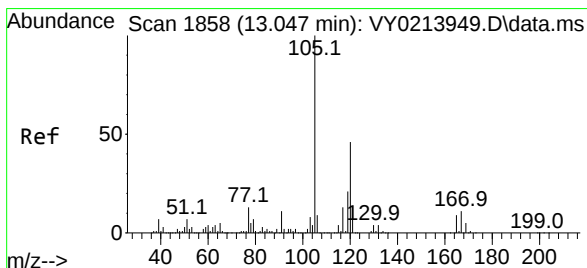
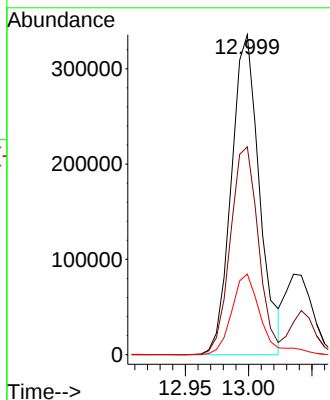
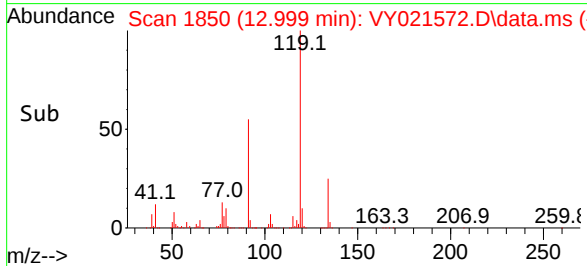
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC



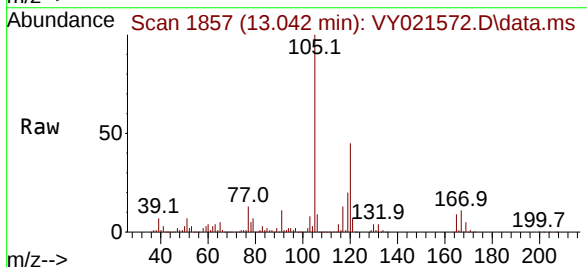
Tgt Ion:119 Resp: 519509
 Ion Ratio Lower Upper
 119 100
 91 64.9 33.2 99.6
 134 26.2 13.5 40.5

Manual Integrations
 APPROVED

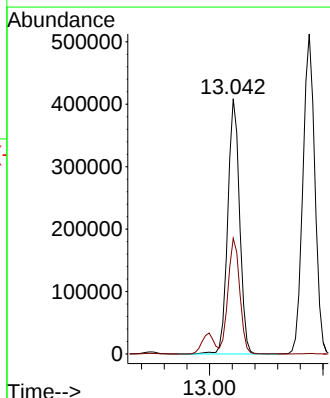
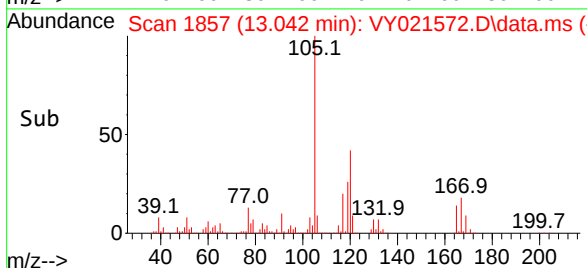
Reviewed By :Mahesh Dadoda 03/20/2025
 Supervised By :Semsettin Yesilyurt 03/20/2025

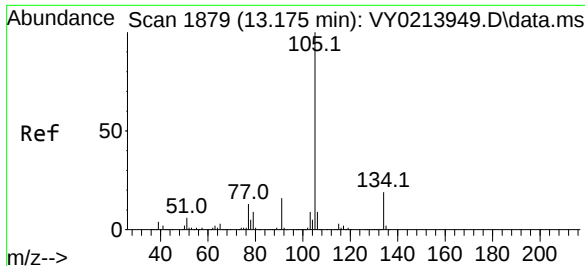


#84
 1,2,4-Trimethylbenzene
 Concen: 48.366 ug/l
 RT: 13.042 min Scan# 1857
 Delta R.T. -0.006 min
 Lab File: VY021572.D
 Acq: 19 Mar 2025 16:07



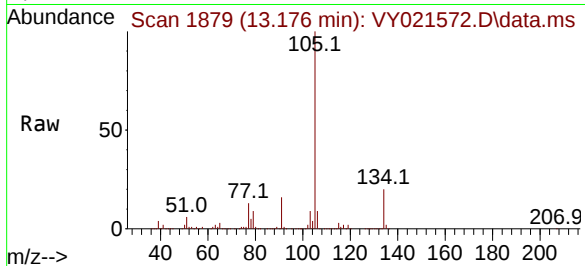
Tgt Ion:105 Resp: 589933
 Ion Ratio Lower Upper
 105 100
 120 44.8 22.7 68.1





#85
 sec-Butylbenzene
 Concen: 45.856 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. 0.000 min
 Lab File: VY021572.D
 Acq: 19 Mar 2025 16:07

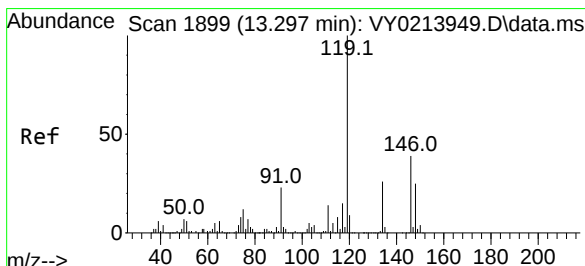
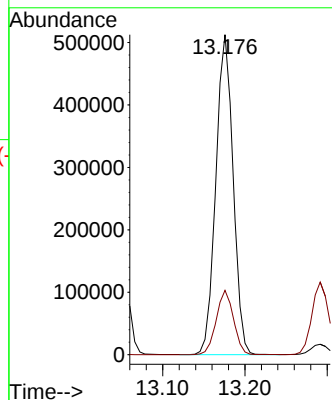
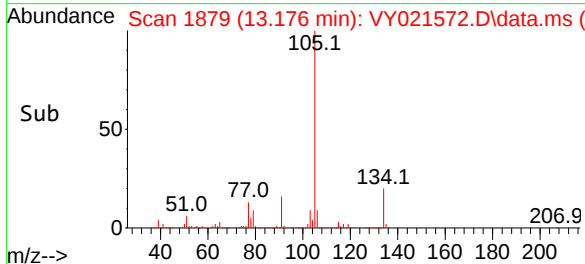
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC



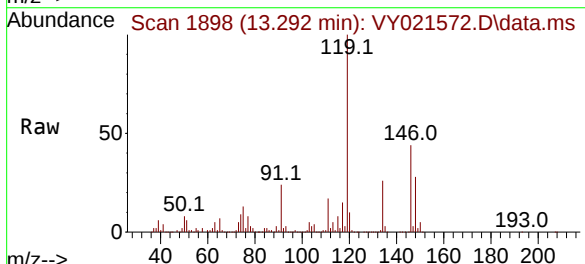
Tgt Ion:105 Resp: 747709
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.9 29.7

Manual Integrations
 APPROVED

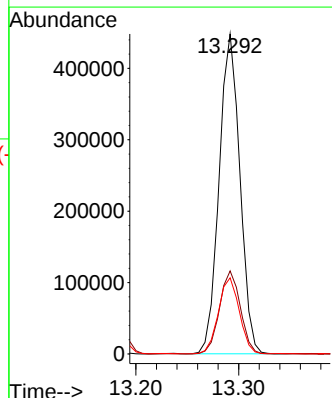
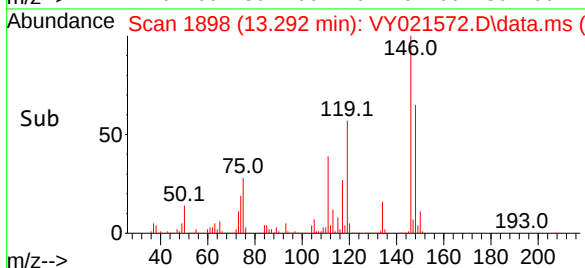
Reviewed By :Mahesh Dadoda 03/20/2025
 Supervised By :Semsettin Yesilyurt 03/20/2025

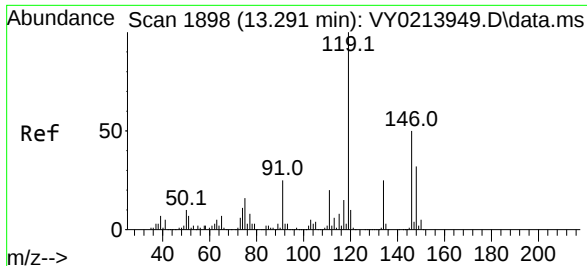


#86
 p-Isopropyltoluene
 Concen: 46.721 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. -0.006 min
 Lab File: VY021572.D
 Acq: 19 Mar 2025 16:07



Tgt Ion:119 Resp: 627611
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.1 39.1
 91 23.9 12.2 36.6





#87

1,3-Dichlorobenzene

Concen: 47.027 ug/l

RT: 13.285 min Scan# 1898

Delta R.T. -0.006 min

Lab File: VY021572.D

Acq: 19 Mar 2025 16:07

Instrument :

MSVOA_Y

ClientSampleId :

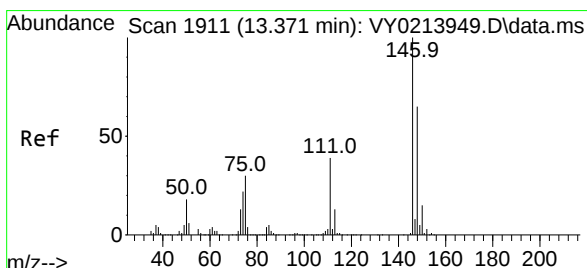
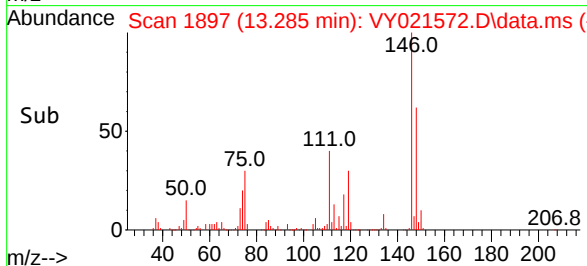
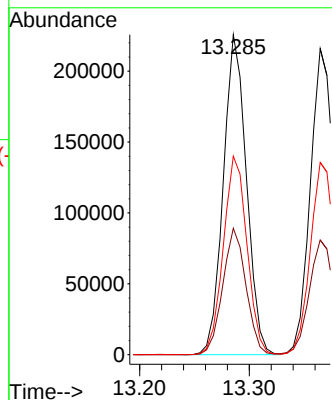
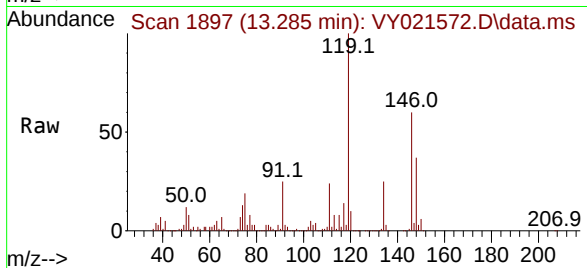
VSTDCCC050EC

Tgt Ion:	146	Resp:	33105
Ion Ratio	Lower	Upper	
146	100		
111	39.7	20.0	60.0
148	63.5	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/20/2025
Supervised By :Semsettin Yesilyurt 03/20/2025



#88

1,4-Dichlorobenzene

Concen: 47.690 ug/l

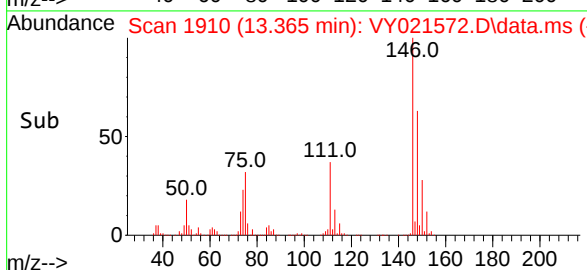
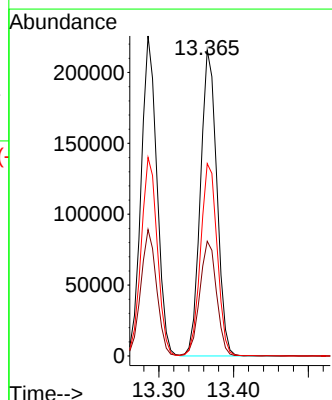
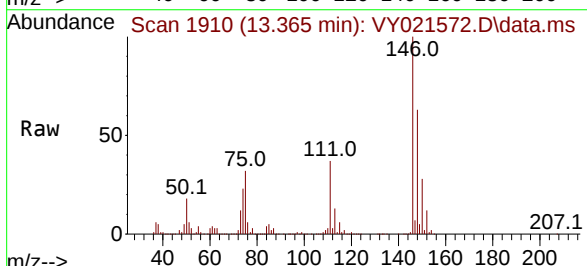
RT: 13.365 min Scan# 1910

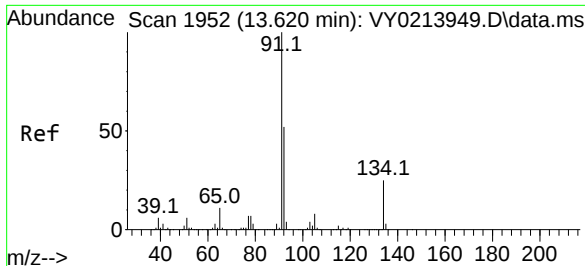
Delta R.T. -0.006 min

Lab File: VY021572.D

Acq: 19 Mar 2025 16:07

Tgt Ion:	146	Resp:	328325
Ion Ratio	Lower	Upper	
146	100		
111	38.7	19.6	58.8
148	63.9	32.3	96.8





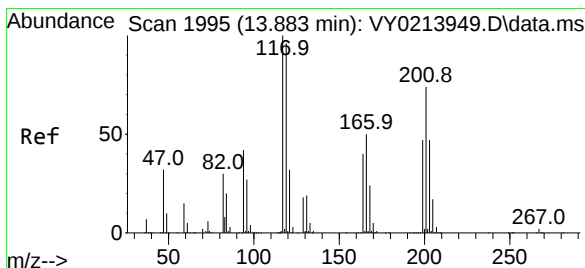
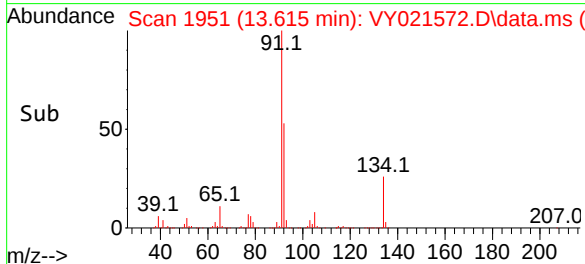
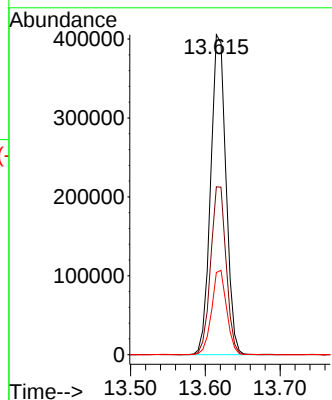
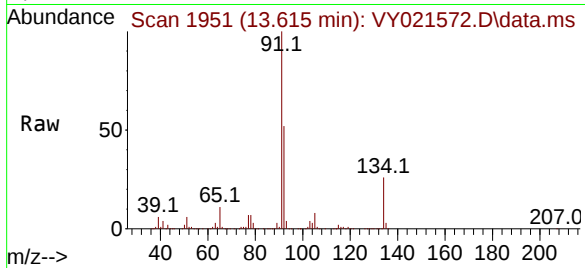
#89
n-Butylbenzene
Concen: 46.538 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. -0.006 min
Lab File: VY021572.D
Acq: 19 Mar 2025 16:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 577268
Ion Ratio Lower Upper
91 100
92 53.0 26.1 78.3
134 25.9 12.6 37.8

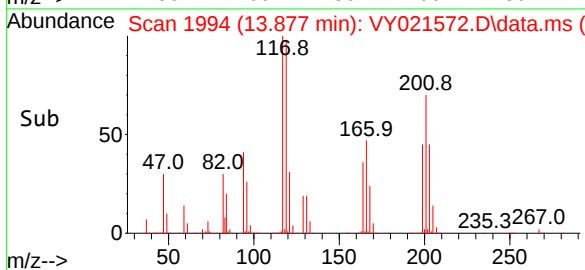
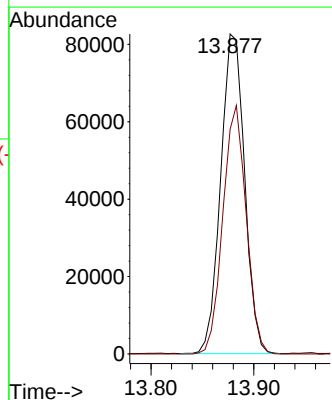
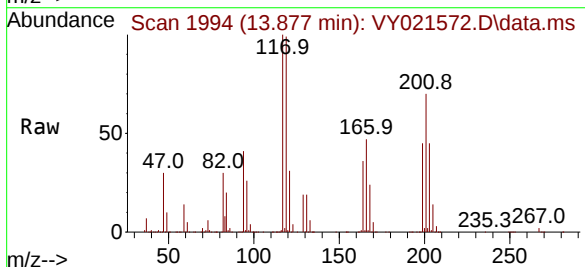
Manual Integrations
APPROVED

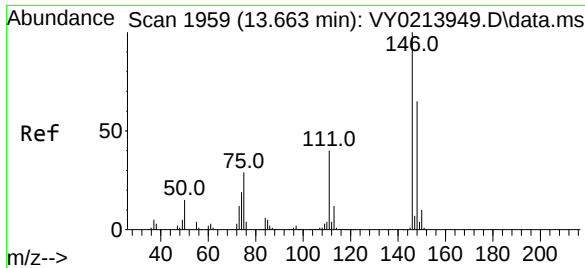
Reviewed By :Mahesh Dadoda 03/20/2025
Supervised By :Semsettin Yesilyurt 03/20/2025



#90
Hexachloroethane
Concen: 46.569 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. -0.006 min
Lab File: VY021572.D
Acq: 19 Mar 2025 16:07

Tgt Ion:117 Resp: 133455
Ion Ratio Lower Upper
117 100
201 75.8 37.4 112.2





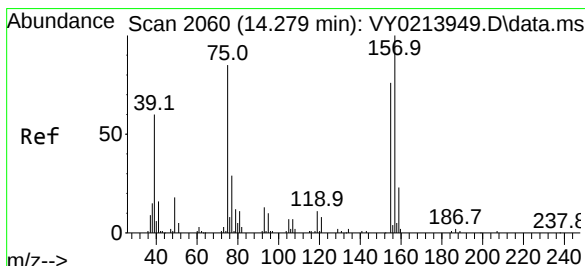
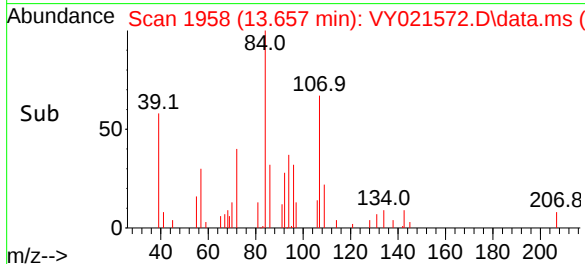
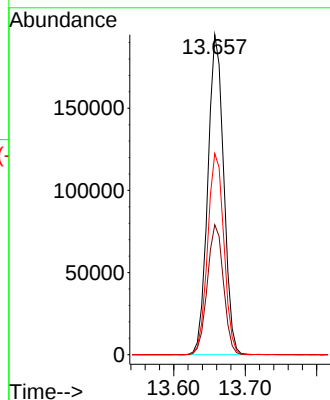
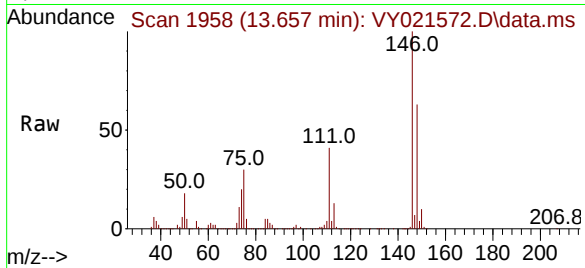
#91
1,2-Dichlorobenzene
Concen: 49.823 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. -0.006 min
Lab File: VY021572.D
Acq: 19 Mar 2025 16:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 300609
Ion Ratio Lower Upper
146 100
111 41.2 20.7 62.1
148 64.2 32.1 96.5

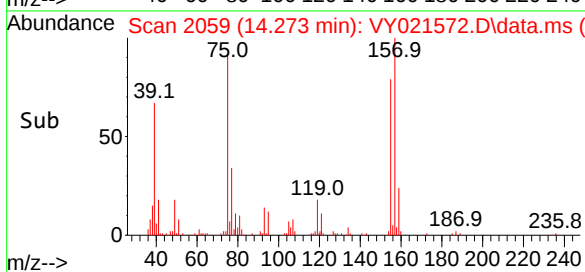
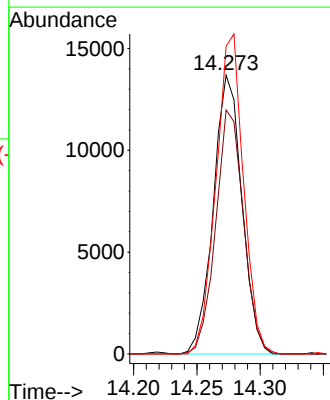
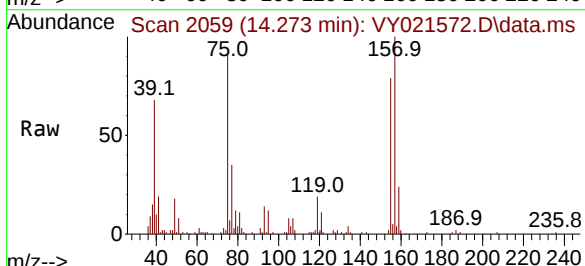
Manual Integrations
APPROVED

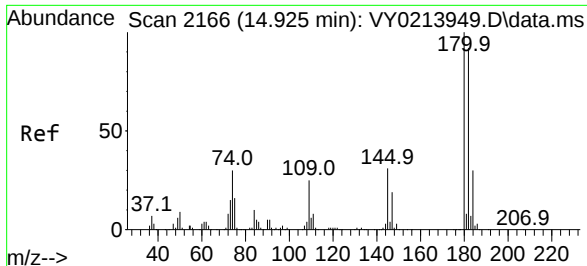
Reviewed By :Mahesh Dadoda 03/20/2025
Supervised By :Semsettin Yesilyurt 03/20/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 53.790 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.006 min
Lab File: VY021572.D
Acq: 19 Mar 2025 16:07

Tgt Ion: 75 Resp: 21494
Ion Ratio Lower Upper
75 100
155 85.0 43.5 130.5
157 110.4 54.4 163.2





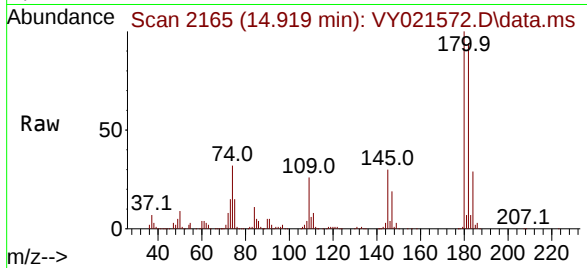
#93
1,2,4-Trichlorobenzene
Concen: 53.214 ug/l
RT: 14.919 min Scan# 2165
Delta R.T. -0.006 min
Lab File: VY021572.D
Acq: 19 Mar 2025 16:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

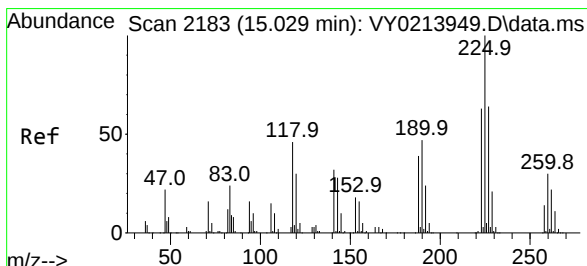
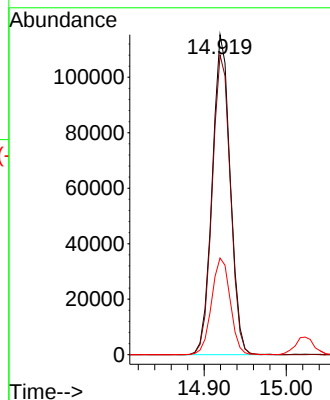
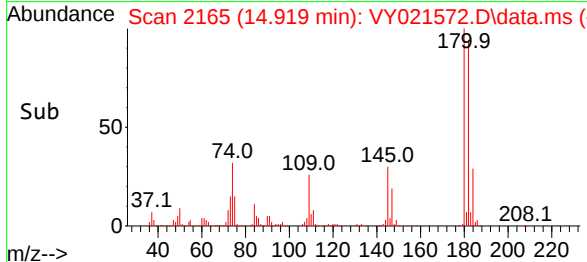


Tgt Ion:180 Resp: 175370
Ion Ratio Lower Upper
180 100
182 94.7 46.7 140.0
145 31.2 15.6 46.8

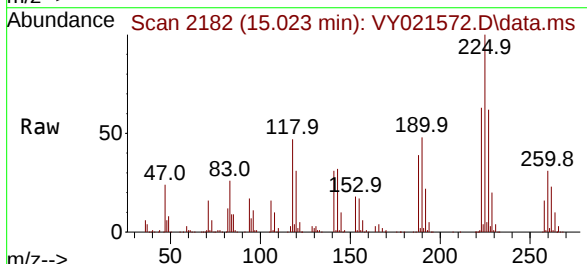
Manual Integrations

APPROVED

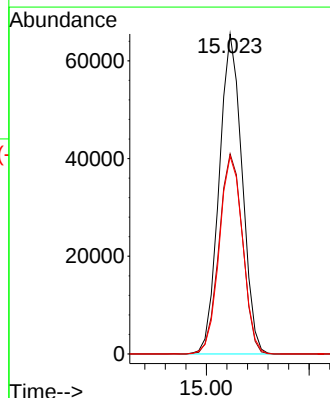
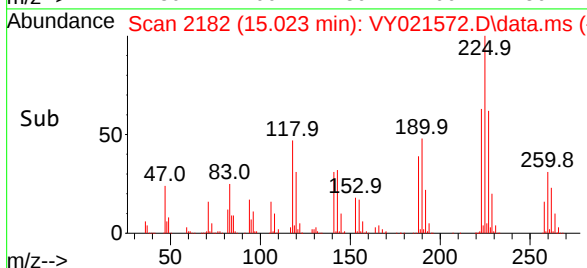
Reviewed By :Mahesh Dadoda 03/20/2025
Supervised By :Semsettin Yesilyurt 03/20/2025

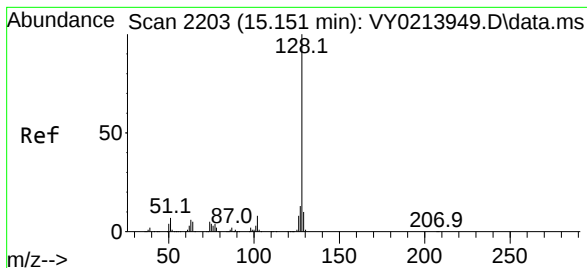


#94
Hexachlorobutadiene
Concen: 49.097 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. -0.006 min
Lab File: VY021572.D
Acq: 19 Mar 2025 16:07



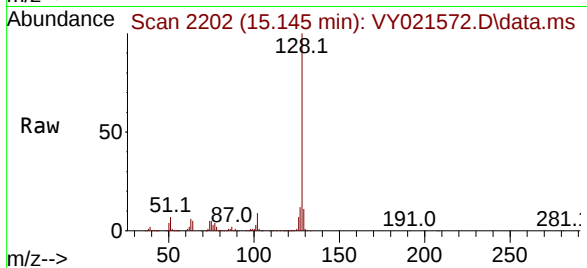
Tgt Ion:225 Resp: 101424
Ion Ratio Lower Upper
225 100
223 64.0 31.4 94.2
227 62.9 31.8 95.4





#95
Naphthalene
Concen: 60.772 ug/l
RT: 15.145 min Scan# 2111
Delta R.T. -0.006 min
Lab File: VY021572.D
Acq: 19 Mar 2025 16:07

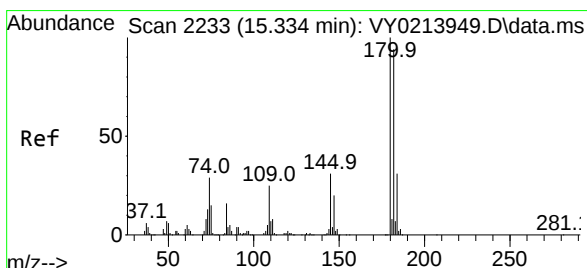
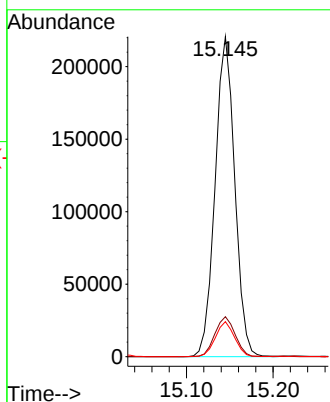
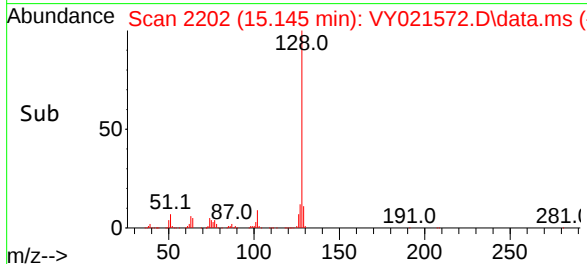
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 347458
Ion Ratio Lower Upper
128 100
127 12.9 10.6 15.8
129 10.7 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 03/20/2025
Supervised By :Semsettin Yesilyurt 03/20/2025



#96
1,2,3-Trichlorobenzene
Concen: 55.514 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. -0.006 min
Lab File: VY021572.D
Acq: 19 Mar 2025 16:07

Tgt Ion:180 Resp: 153868
Ion Ratio Lower Upper
180 100
182 95.5 47.2 141.6
145 32.3 16.4 49.1

