

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032425\
 Data File : VY021610.D
 Acq On : 24 Mar 2025 11:06
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 03/26/2025
 Supervised By :Semsettin Yesilyurt 03/26/2025

Quant Time: Mar 25 01:28:58 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	214834	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	321283	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	285181	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	147004	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	98816	43.519	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	87.040%		
35) Dibromofluoromethane	7.628	113	98856	46.810	ug/l	-0.01
Spiked Amount 50.000	Range 54 - 147		Recovery =	93.620%		
50) Toluene-d8	10.103	98	366801	45.872	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	91.740%		
62) 4-Bromofluorobenzene	12.408	95	127119	46.736	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	93.480%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.861	85	84520	42.872	ug/l	95
3) Chloromethane	2.068	50	133678	48.095	ug/l	99
4) Vinyl Chloride	2.202	62	155311	51.133	ug/l	98
5) Bromomethane	2.592	94	101103	46.055	ug/l	97
6) Chloroethane	2.733	64	109792	54.697	ug/l	96
7) Trichlorofluoromethane	3.056	101	216750	51.126	ug/l	99
8) Diethyl Ether	3.452	74	54656	46.520	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.812	101	119081	49.196	ug/l	99
10) Methyl Iodide	3.995	142	117665	47.822	ug/l	99
11) Tert butyl alcohol	4.854	59	33095	221.611	ug/l	98
12) 1,1-Dichloroethene	3.787	96	105689	47.892	ug/l	97
13) Acrolein	3.653	56	4054	35.101	ug/l	93
14) Allyl chloride	4.379	41	175347	49.168	ug/l	99
15) Acrylonitrile	5.055	53	119478	238.887	ug/l	99
16) Acetone	3.867	43	132281	267.098	ug/l	93
17) Carbon Disulfide	4.098	76	294395	42.567	ug/l	98
18) Methyl Acetate	4.385	43	69528	63.272	ug/l	100
19) Methyl tert-butyl Ether	5.116	73	271094	48.467	ug/l	100
20) Methylene Chloride	4.610	84	127413	49.011	ug/l	98
21) trans-1,2-Dichloroethene	5.110	96	118523	47.957	ug/l	97
22) Diisopropyl ether	6.019	45	379566	49.386	ug/l	95
23) Vinyl Acetate	5.958	43	1010569	230.392	ug/l	99
24) 1,1-Dichloroethane	5.915	63	224139	49.412	ug/l	99
25) 2-Butanone	6.890	43	165552	241.652	ug/l	98
26) 2,2-Dichloropropane	6.884	77	205548	49.248	ug/l	100
27) cis-1,2-Dichloroethene	6.884	96	138197	49.222	ug/l	98
28) Bromochloromethane	7.238	49	86231	45.344	ug/l	98
29) Tetrahydrofuran	7.262	42	98775	233.546	ug/l	100
30) Chloroform	7.415	83	234869	49.863	ug/l	99
31) Cyclohexane	7.695	56	182822	42.990	ug/l	99
32) 1,1,1-Trichloroethane	7.616	97	212965	49.379	ug/l	100
36) 1,1-Dichloropropene	7.835	75	163545	49.474	ug/l	98
37) Ethyl Acetate	6.982	43	68040	46.568	ug/l	99
38) Carbon Tetrachloride	7.811	117	196650	51.726	ug/l	98
39) Methylcyclohexane	9.109	83	198465	48.945	ug/l	99
40) Benzene	8.079	78	489296	50.247	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	40217	50.552	ug/l #	94
42) 1,2-Dichloroethane	8.152	62	135254	49.649	ug/l	100
43) Isopropyl Acetate	8.195	43	135023	47.605	ug/l #	88
44) Trichloroethene	8.866	130	127529	51.825	ug/l	99
45) 1,2-Dichloropropane	9.140	63	117700	50.785	ug/l	99
46) Dibromomethane	9.231	93	63649	49.358	ug/l	97
47) Bromodichloromethane	9.420	83	178238	52.046	ug/l	97
48) Methyl methacrylate	9.219	41	66185	50.817	ug/l	99
49) 1,4-Dioxane	9.225	88	14003	1106.321	ug/l	97
51) 4-Methyl-2-Pentanone	10.000	43	363229	248.201	ug/l	100
52) Toluene	10.170	92	318719	51.915	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	154971	51.363	ug/l	100
54) cis-1,3-Dichloropropene	9.853	75	185508	51.787	ug/l	99
55) 1,1,2-Trichloroethane	10.573	97	86911	51.523	ug/l	98
56) Ethyl methacrylate	10.439	69	111021	51.606	ug/l	100
57) 1,3-Dichloropropane	10.719	76	148050	50.639	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.707	63	248787	250.514	ug/l	99
59) 2-Hexanone	10.762	43	256739	265.318	ug/l	99
60) Dibromochloromethane	10.908	129	120995	52.321	ug/l	98
61) 1,2-Dibromoethane	11.012	107	80648	50.657	ug/l	98
64) Tetrachloroethene	10.646	164	134346	57.933	ug/l	98
65) Chlorobenzene	11.444	112	344526	51.159	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.518	131	123362	51.812	ug/l	99
67) Ethyl Benzene	11.518	91	609768	51.587	ug/l	99
68) m/p-Xylenes	11.627	106	468296	104.354	ug/l	100
69) o-Xylene	11.957	106	221231	53.490	ug/l	97
70) Styrene	11.969	104	372764	54.329	ug/l	98
71) Bromoform	12.133	173	69592	52.286	ug/l #	100
73) Isopropylbenzene	12.255	105	597823	51.626	ug/l	100
74) N-amyl acetate	12.072	43	120653	47.976	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	95806	46.884	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	70177m	47.374	ug/l	
77) Bromobenzene	12.536	156	135268	49.931	ug/l	97
78) n-propylbenzene	12.597	91	724338	51.505	ug/l	99
79) 2-Chlorotoluene	12.682	91	404719	50.329	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	494299	52.526	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	31116	47.752	ug/l	96
82) 4-Chlorotoluene	12.780	91	424429	50.970	ug/l	100
83) tert-Butylbenzene	12.999	119	441224	52.558	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	489203	52.357	ug/l	100
85) sec-Butylbenzene	13.176	105	656012	52.520	ug/l	99
86) p-Isopropyltoluene	13.292	119	546789	53.136	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	275999	51.181	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	270750	51.338	ug/l	99
89) n-Butylbenzene	13.621	91	513382	54.028	ug/l	99
90) Hexachloroethane	13.883	117	114690	52.244	ug/l	100
91) 1,2-Dichlorobenzene	13.657	146	241183	52.182	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	14894	48.657	ug/l	97
93) 1,2,4-Trichlorobenzene	14.926	180	141425	56.021	ug/l	98
94) Hexachlorobutadiene	15.029	225	89087	56.296	ug/l	98
95) Naphthalene	15.145	128	222967	51.993	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	118545	55.832	ug/l	100

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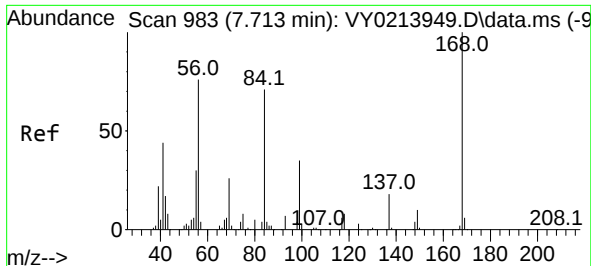
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

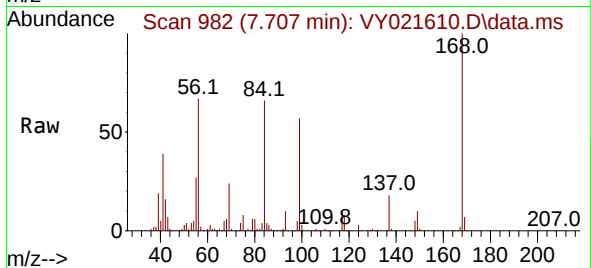
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021610.D
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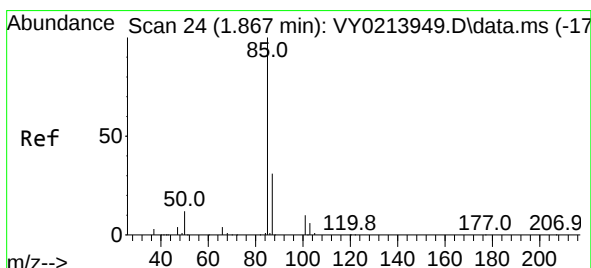
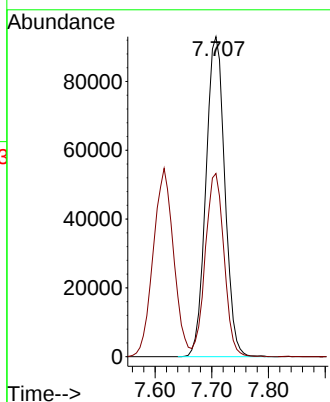
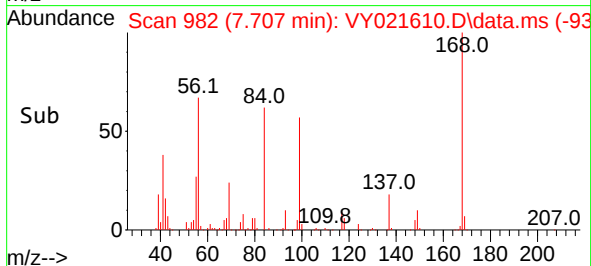
Instrument :
MSVOA_Y
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Tgt Ion:168 Resp: 214834
Ion Ratio Lower Upper
168 100
99 57.3 46.0 69.0

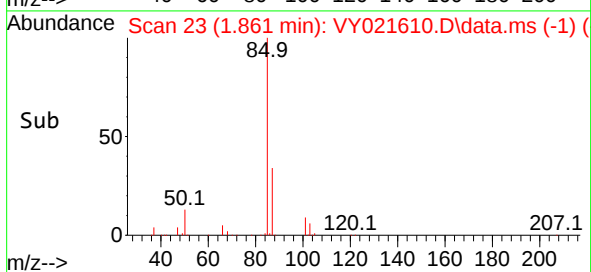
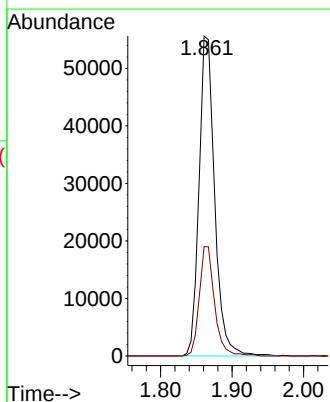
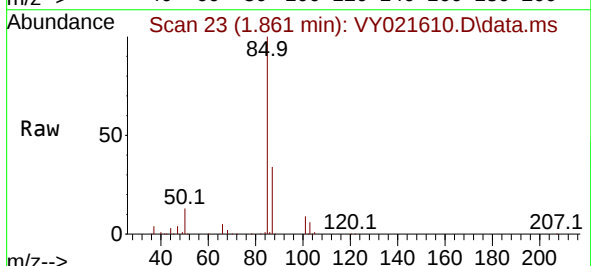
Manual Integrations
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Supervised By :Semsettin Yesilyurt 03/26/2025



#2
Dichlorodifluoromethane
Concen: 42.872 ug/l
RT: 1.861 min Scan# 23
Delta R.T. -0.006 min
Lab File: VY021610.D
Acq: 24 Mar 2025 11:06

Tgt Ion: 85 Resp: 84520
Ion Ratio Lower Upper
85 100
87 34.1 15.7 47.0





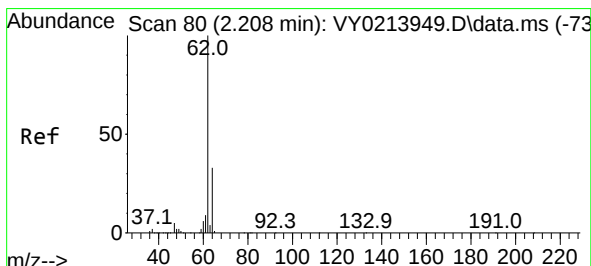
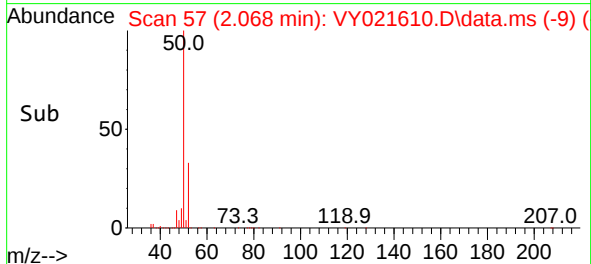
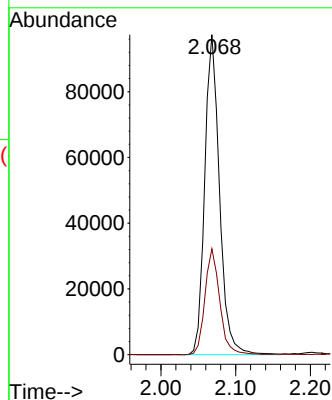
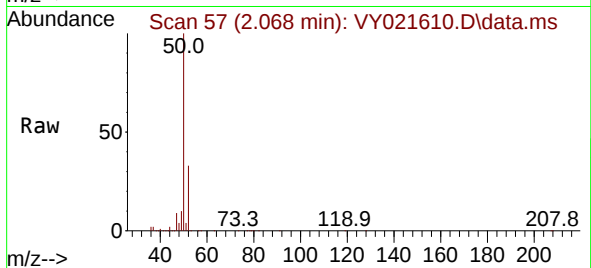
#3
Chloromethane
Concen: 48.095 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY021610.D
Acq: 24 Mar 2025 11:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 133678
Ion Ratio Lower Upper
50 100
52 33.1 26.2 39.2

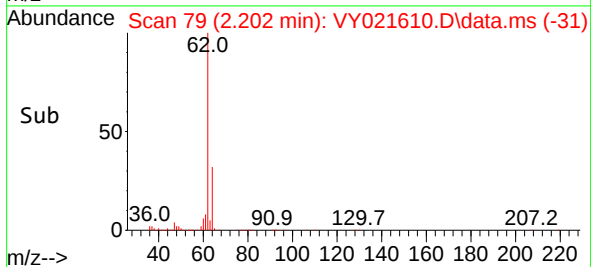
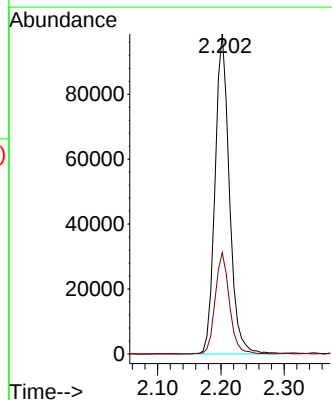
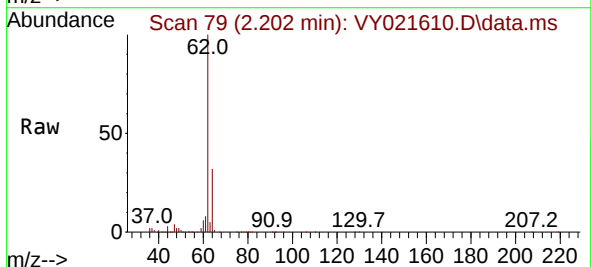
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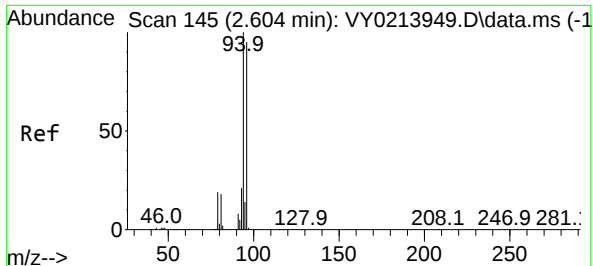
Reviewed By :Mahesh Dadoda 03/26/2025
Supervised By :Semsettin Yesilyurt 03/26/2025



#4
Vinyl Chloride
Concen: 51.133 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.006 min
Lab File: VY021610.D
Acq: 24 Mar 2025 11:06

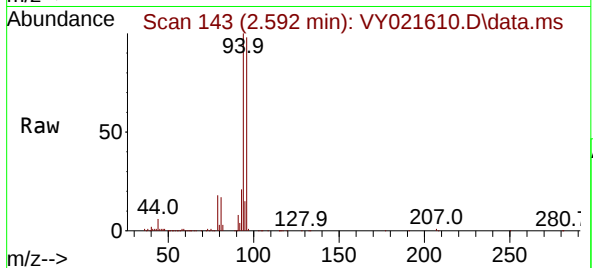
Tgt Ion: 62 Resp: 155311
Ion Ratio Lower Upper
62 100
64 31.6 26.2 39.2





#5
Bromomethane
Concen: 46.055 ug/l
RT: 2.592 min Scan# 145
Delta R.T. -0.012 min
Lab File: VY021610.D
Acq: 24 Mar 2025 11:06

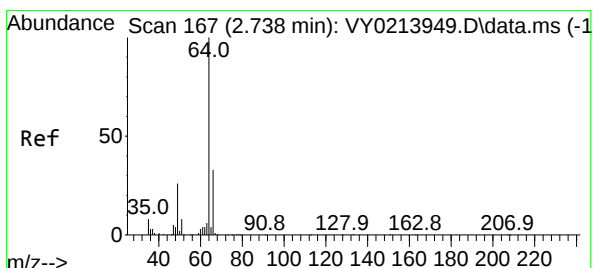
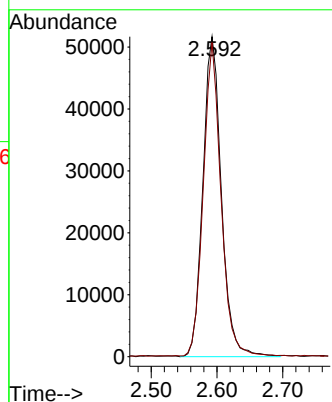
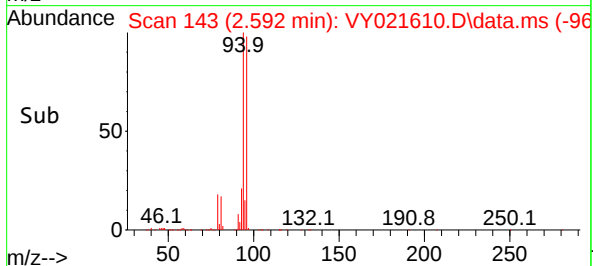
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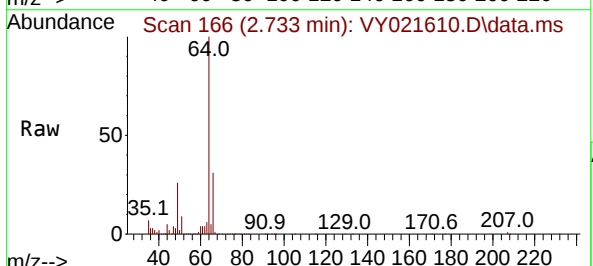
Tgt Ion: 94 Resp: 10110
Ion Ratio Lower Upper
94 100
96 98.0 76.3 114.5

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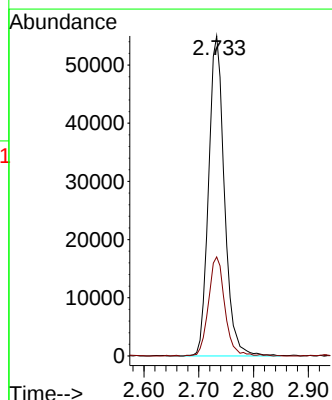
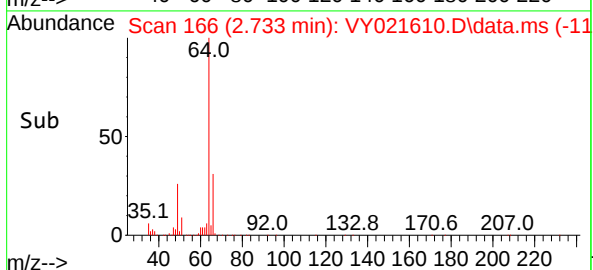
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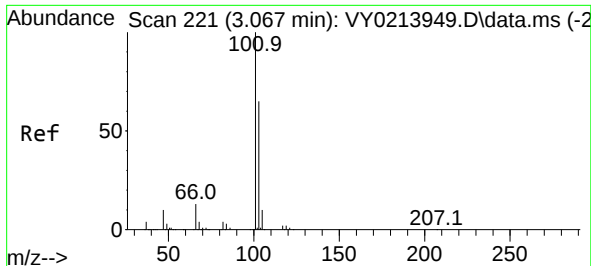


#6
Chloroethane
Concen: 54.697 ug/l
RT: 2.733 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY021610.D
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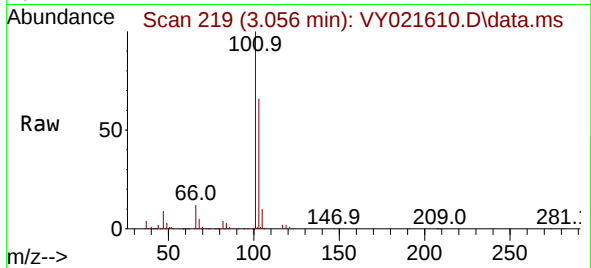
Tgt Ion: 64 Resp: 109792
Ion Ratio Lower Upper
64 100
66 31.0 26.7 40.1





#7
Trichlorofluoromethane
Concen: 51.126 ug/l
RT: 3.056 min Scan# 216
Delta R.T. -0.012 min
Lab File: VY021610.D
Acq: 24 Mar 2025 11:06

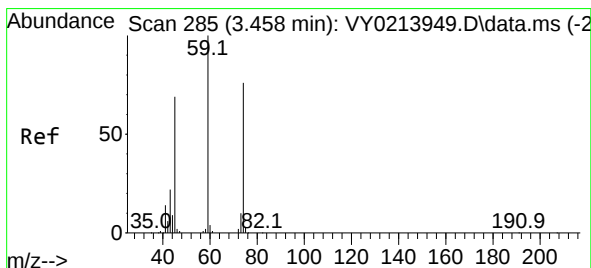
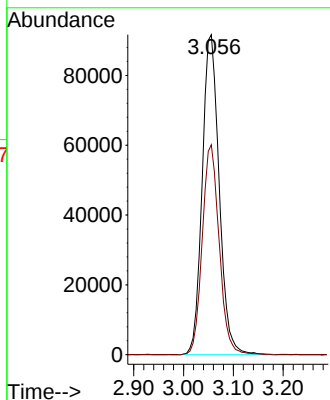
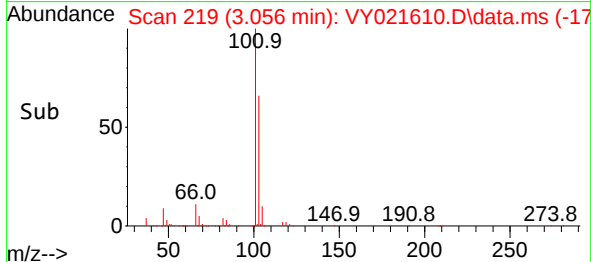
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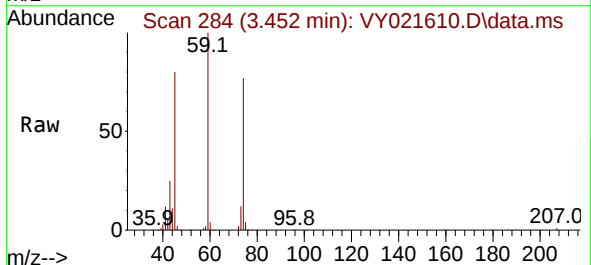
Tgt Ion:101 Resp: 216750
Ion Ratio Lower Upper
101 100
103 65.6 51.7 77.5

Manual Integrations
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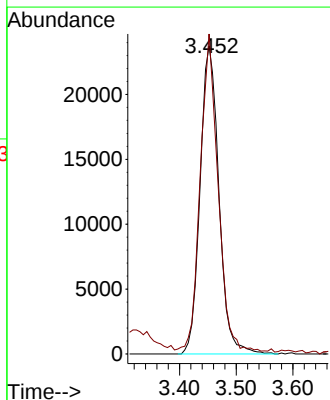
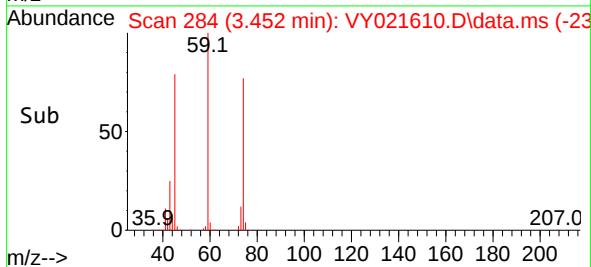
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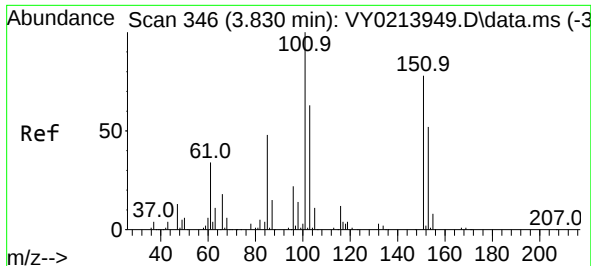


#8
Diethyl Ether
Concen: 46.520 ug/l
RT: 3.452 min Scan# 284
Delta R.T. -0.006 min
Lab File: VY021610.D
Acq: 24 Mar 2025 11:06



Tgt Ion: 74 Resp: 54656
Ion Ratio Lower Upper
74 100
45 97.0 49.7 149.1





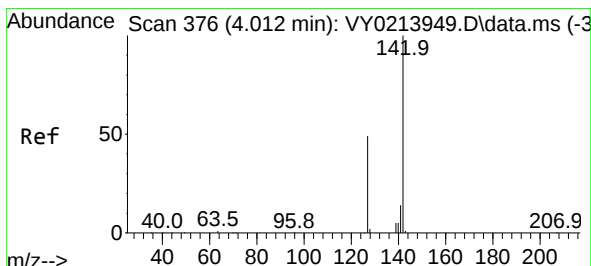
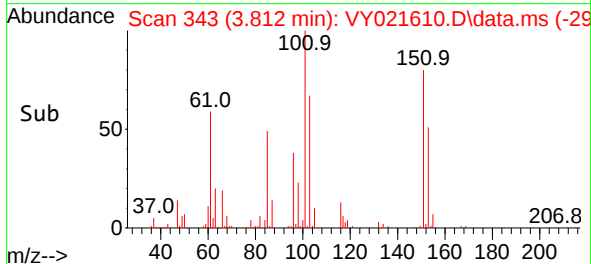
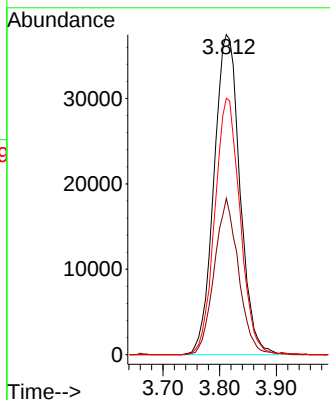
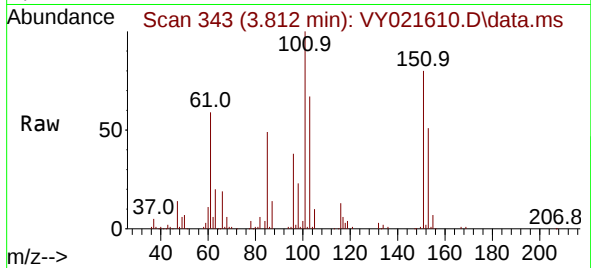
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.196 ug/l
RT: 3.812 min Scan# 346
Delta R.T. -0.018 min
Lab File: VY021610.D
Acq: 24 Mar 2025 11:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 11908
Ion Ratio Lower Upper
101 100
85 45.7 37.1 55.7
151 78.4 62.1 93.1

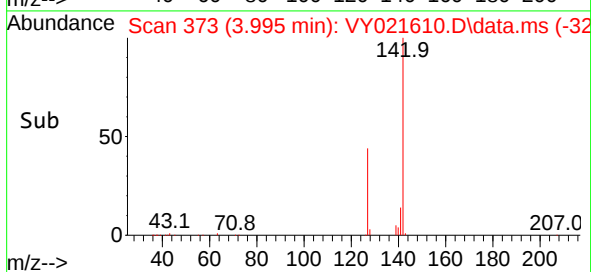
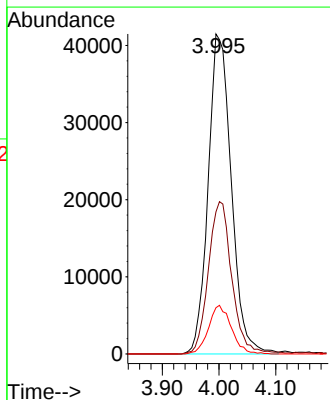
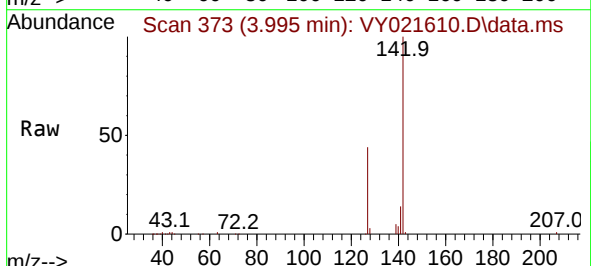
Manual Integrations
APPROVED

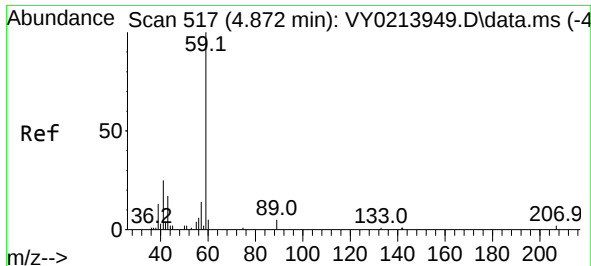
Reviewed By :Mahesh Dadoda 03/26/2025
Supervised By :Semsettin Yesilyurt 03/26/2025



#10
Methyl Iodide
Concen: 47.822 ug/l
RT: 3.995 min Scan# 373
Delta R.T. -0.018 min
Lab File: VY021610.D
Acq: 24 Mar 2025 11:06

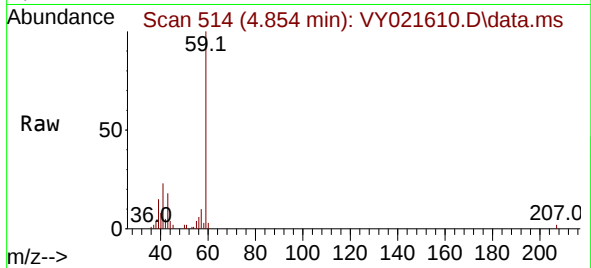
Tgt Ion:142 Resp: 117665
Ion Ratio Lower Upper
142 100
127 48.3 39.1 58.7
141 15.0 11.8 17.6





#11
Tert butyl alcohol
Concen: 221.611 ug/l
RT: 4.854 min Scan# 517
Delta R.T. -0.018 min
Lab File: VY021610.D
Acq: 24 Mar 2025 11:06

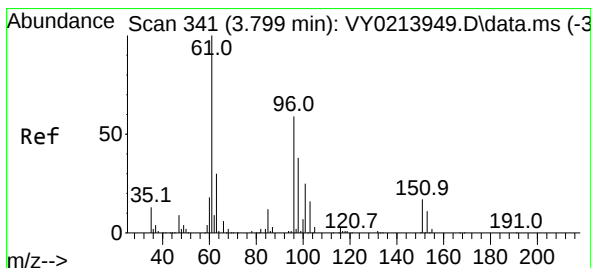
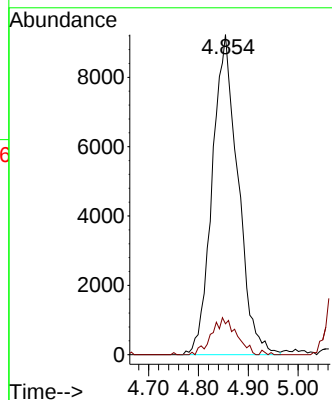
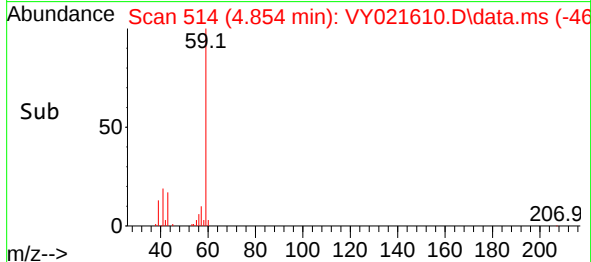
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



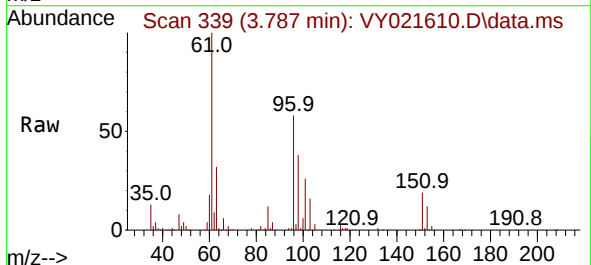
Tgt Ion: 59 Resp: 3309
Ion Ratio Lower Upper
59 100
57 11.1 8.2 12.4

Manual Integrations
APPROVED

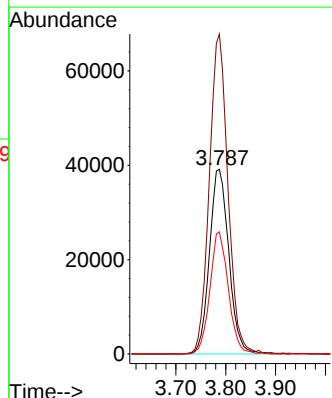
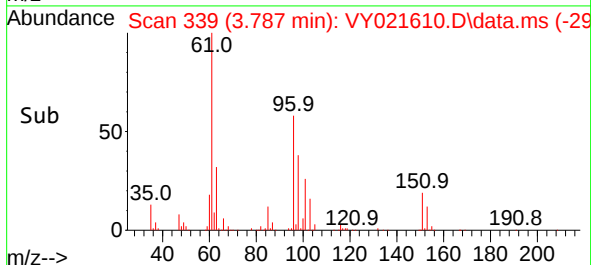
Reviewed By :Mahesh Dadoda 03/26/2025
Supervised By :Semsettin Yesilyurt 03/26/2025

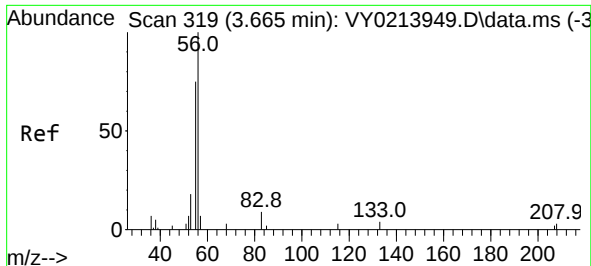


#12
1,1-Dichloroethene
Concen: 47.892 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.012 min
Lab File: VY021610.D
Acq: 24 Mar 2025 11:06



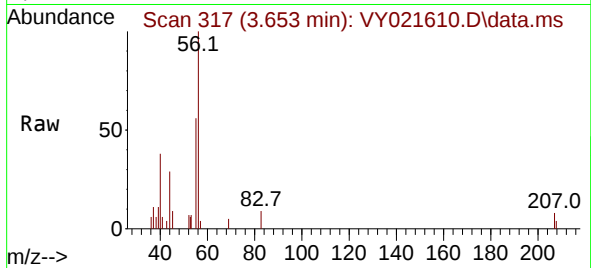
Tgt Ion: 96 Resp: 105689
Ion Ratio Lower Upper
96 100
61 173.4 135.2 202.8
98 66.1 51.4 77.2





#13
Acrolein
Concen: 35.101 ug/l
RT: 3.653 min Scan# 317
Delta R.T. -0.012 min
Lab File: VY021610.D
Acq: 24 Mar 2025 11:06

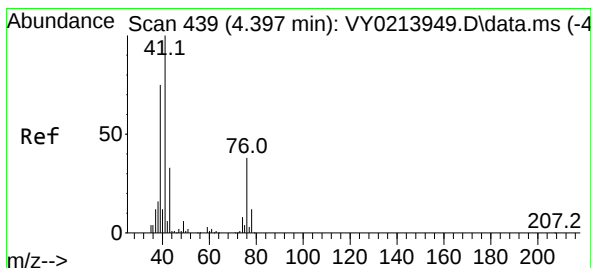
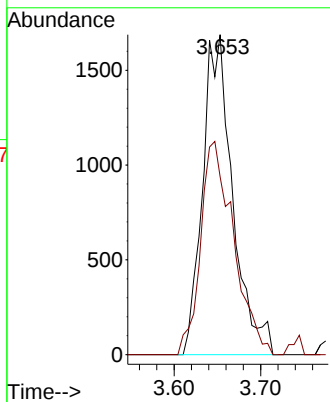
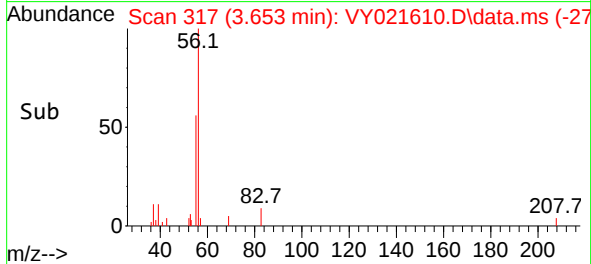
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 4054
Ion Ratio Lower Upper
56 100
55 73.4 63.4 95.2

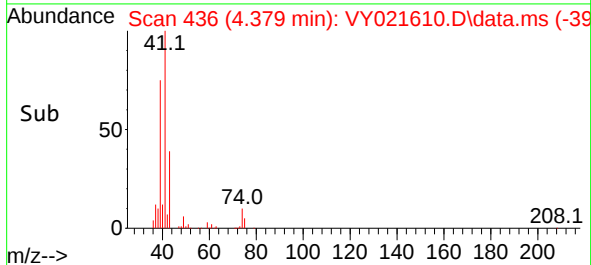
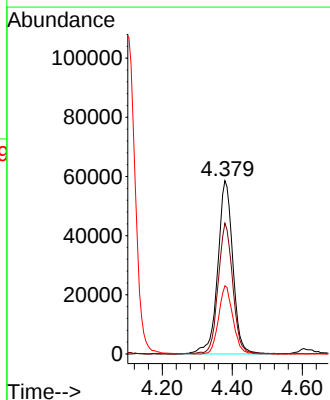
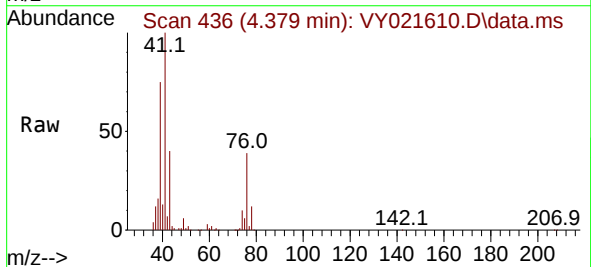
Manual Integrations
APPROVED

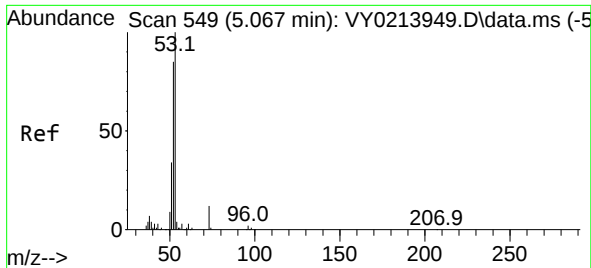
Reviewed By :Mahesh Dadoda 03/26/2025
Supervised By :Semsettin Yesilyurt 03/26/2025



#14
Allyl chloride
Concen: 49.168 ug/l
RT: 4.379 min Scan# 436
Delta R.T. -0.018 min
Lab File: VY021610.D
Acq: 24 Mar 2025 11:06

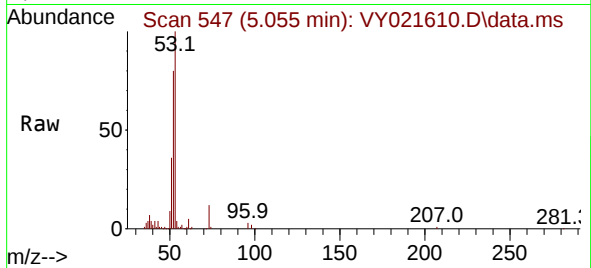
Tgt Ion: 41 Resp: 175347
Ion Ratio Lower Upper
41 100
39 72.9 59.3 88.9
76 37.1 29.8 44.8





#15
Acrylonitrile
Concen: 238.887 ug/l
RT: 5.055 min Scan# 549
Delta R.T. -0.012 min
Lab File: VY021610.D
Acq: 24 Mar 2025 11:06

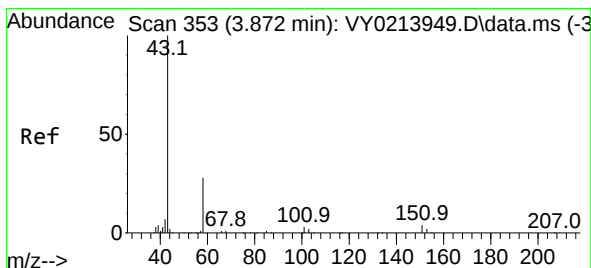
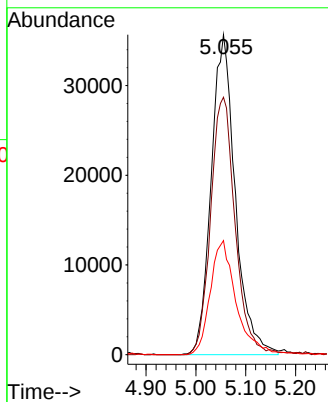
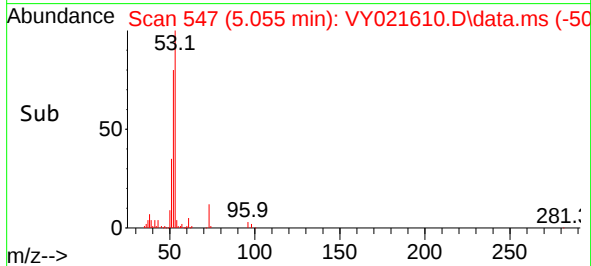
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 119478
Ion Ratio Lower Upper
53 100
52 81.8 66.3 99.5
51 38.6 30.3 45.5

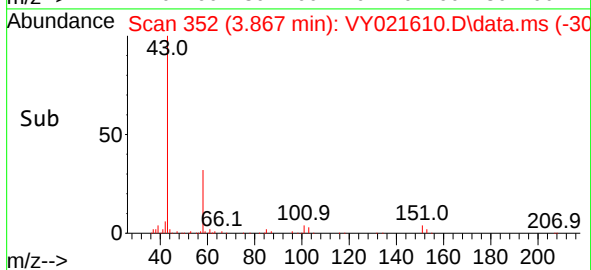
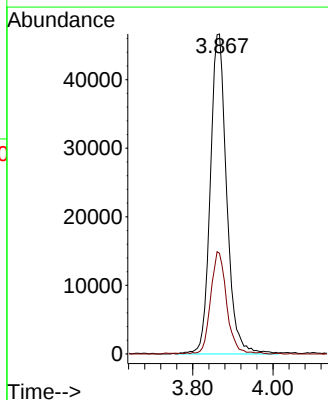
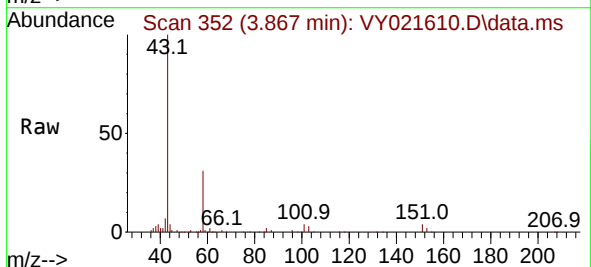
Manual Integrations
APPROVED

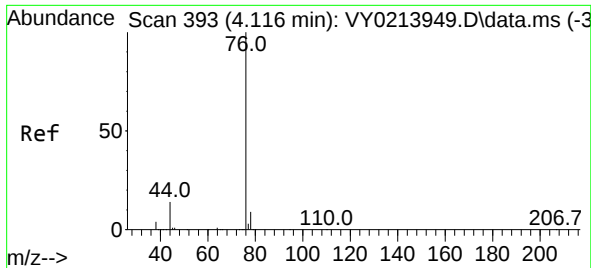
Reviewed By :Mahesh Dadoda 03/26/2025
Supervised By :Semsettin Yesilyurt 03/26/2025



#16
Acetone
Concen: 267.098 ug/l
RT: 3.867 min Scan# 352
Delta R.T. -0.005 min
Lab File: VY021610.D
Acq: 24 Mar 2025 11:06

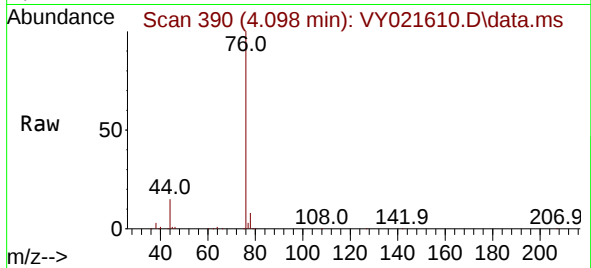
Tgt Ion: 43 Resp: 132281
Ion Ratio Lower Upper
43 100
58 31.3 22.1 33.1





#17
Carbon Disulfide
Concen: 42.567 ug/l
RT: 4.098 min Scan# 393
Delta R.T. -0.018 min
Lab File: VY021610.D
Acq: 24 Mar 2025 11:06

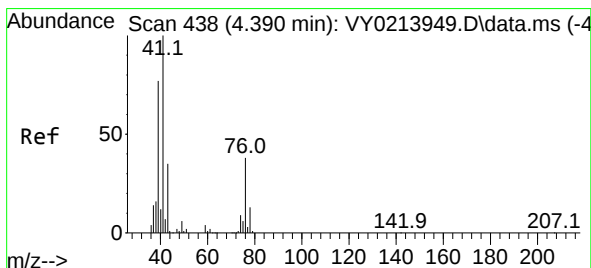
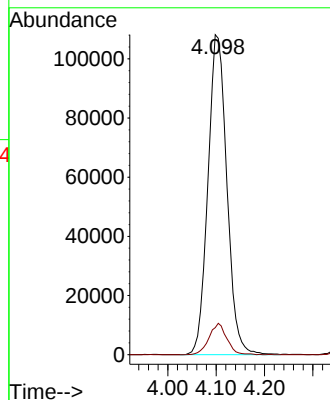
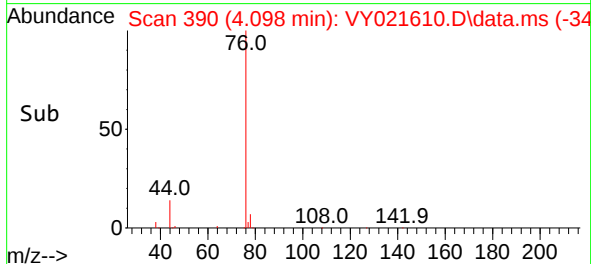
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 29439
Ion Ratio Lower Upper
76 100
78 8.5 7.4 11.0

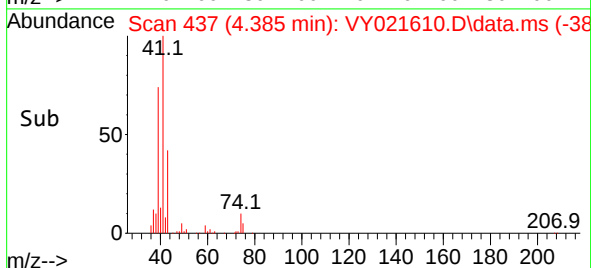
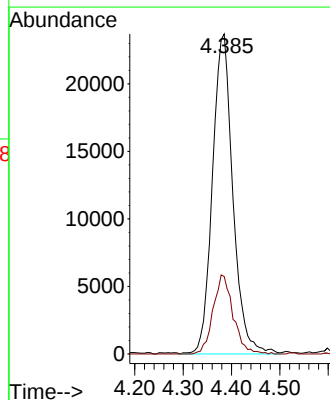
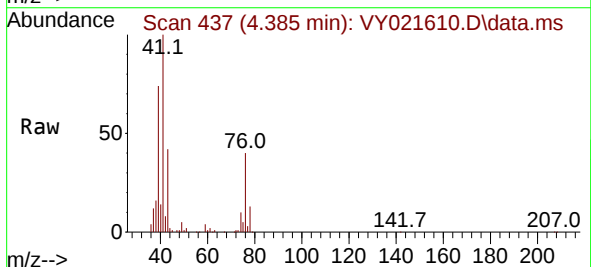
Manual Integrations
APPROVED

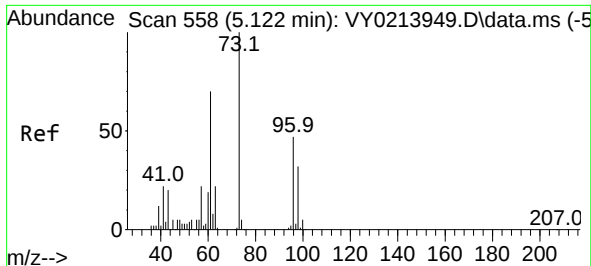
Reviewed By :Mahesh Dadoda 03/26/2025
Supervised By :Semsettin Yesilyurt 03/26/2025



#18
Methyl Acetate
Concen: 63.272 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY021610.D
Acq: 24 Mar 2025 11:06

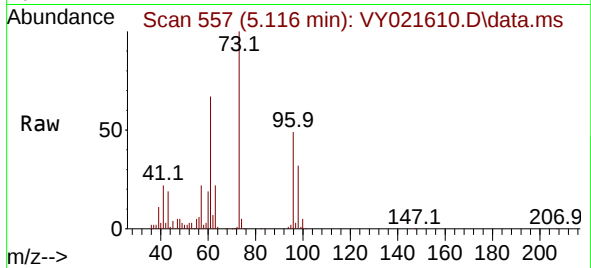
Tgt Ion: 43 Resp: 69528
Ion Ratio Lower Upper
43 100
74 24.2 19.4 29.0





#19
Methyl tert-butyl Ether
Concen: 48.467 ug/l
RT: 5.116 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY021610.D
Acq: 24 Mar 2025 11:06

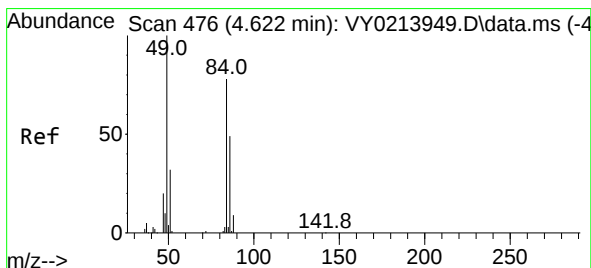
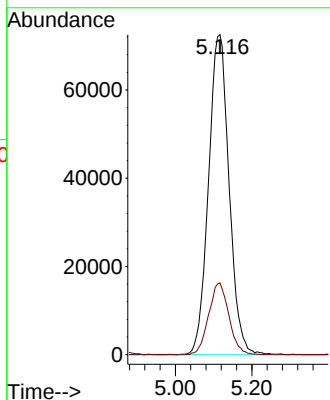
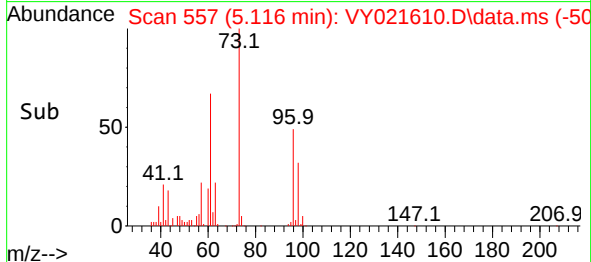
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 271094
Ion Ratio Lower Upper
73 100
57 22.5 17.9 26.9

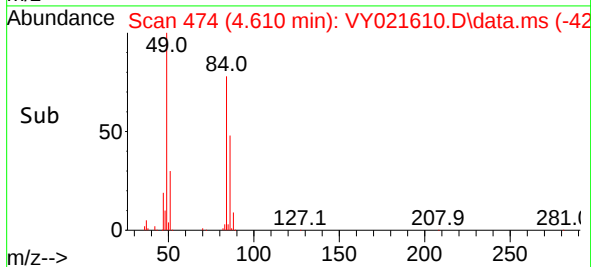
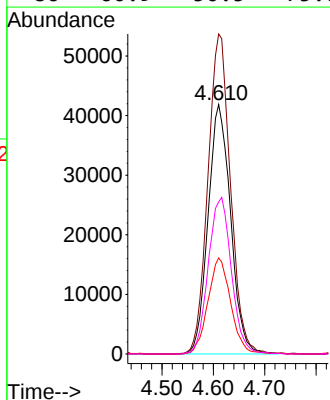
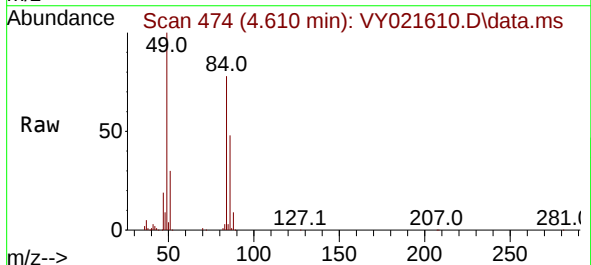
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 03/26/2025
Supervised By :Semsettin Yesilyurt 03/26/2025



#20
Methylene Chloride
Concen: 49.011 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.012 min
Lab File: VY021610.D
Acq: 24 Mar 2025 11:06

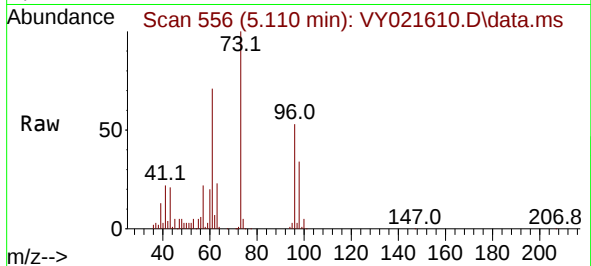
Tgt Ion: 84 Resp: 127413
Ion Ratio Lower Upper
84 100
49 128.3 102.0 153.0
51 38.4 33.0 49.6
86 60.9 50.5 75.7





#21
trans-1,2-Dichloroethene
Concen: 47.957 ug/l
RT: 5.110 min Scan# 5110
Delta R.T. -0.018 min
Lab File: VY021610.D
Acq: 24 Mar 2025 11:06

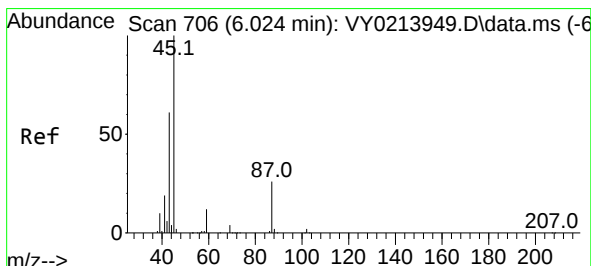
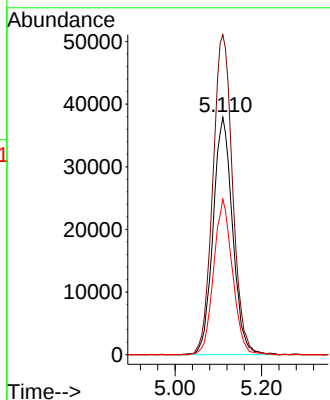
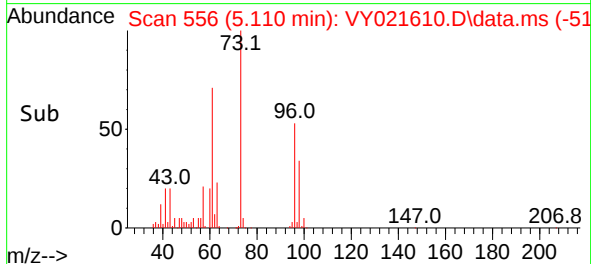
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



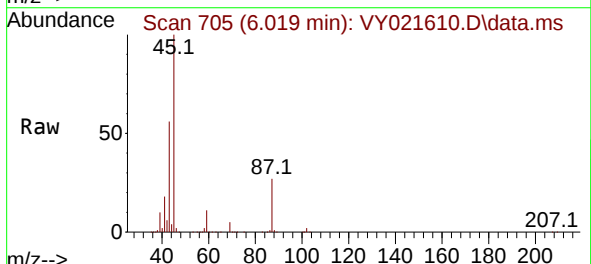
Tgt Ion: 96 Resp: 118523
Ion Ratio Lower Upper
96 100
61 134.7 111.5 167.3
98 65.4 53.8 80.8

Manual Integrations
APPROVED

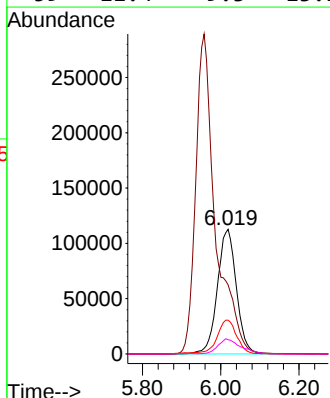
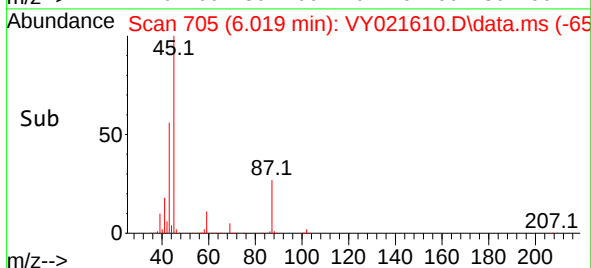
Reviewed By :Mahesh Dadoda 03/26/2025
Supervised By :Semsettin Yesilyurt 03/26/2025

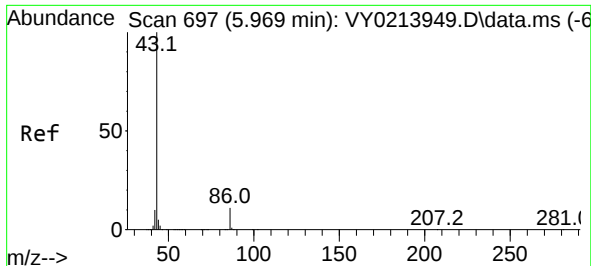


#22
Diisopropyl ether
Concen: 49.386 ug/l
RT: 6.019 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY021610.D
Acq: 24 Mar 2025 11:06



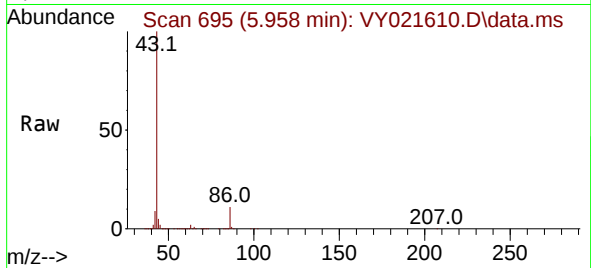
Tgt Ion: 45 Resp: 379566
Ion Ratio Lower Upper
45 100
43 55.1 48.7 73.1
87 27.1 21.5 32.3
59 11.4 9.3 13.9





#23
 Vinyl Acetate
 Concen: 230.392 ug/l
 RT: 5.958 min Scan# 697
 Delta R.T. -0.012 min
 Lab File: VY021610.D
 Acq: 24 Mar 2025 11:06

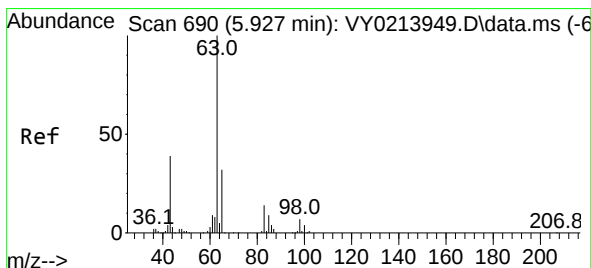
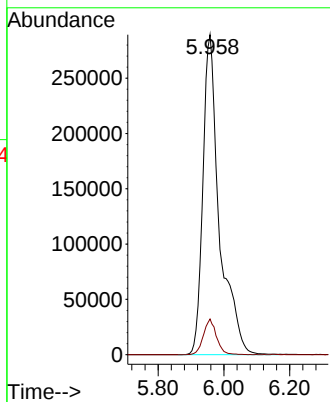
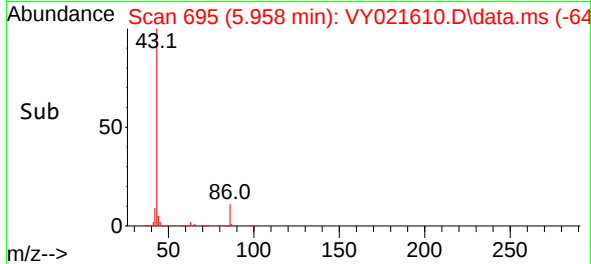
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



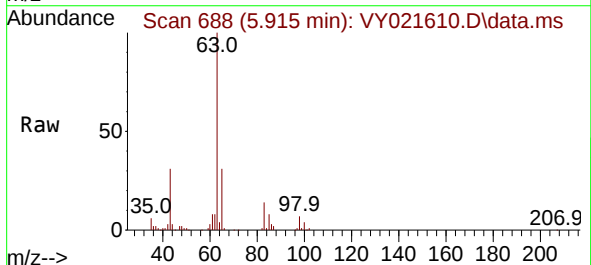
Tgt Ion: 43 Resp: 1010569
 Ion Ratio Lower Upper
 43 100
 86 11.2 8.5 12.7

Manual Integrations
 APPROVED

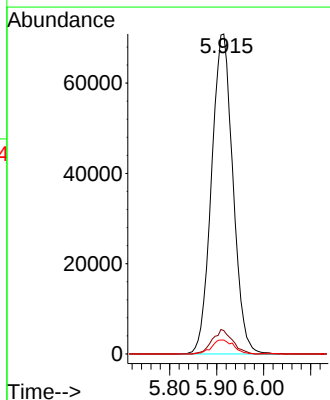
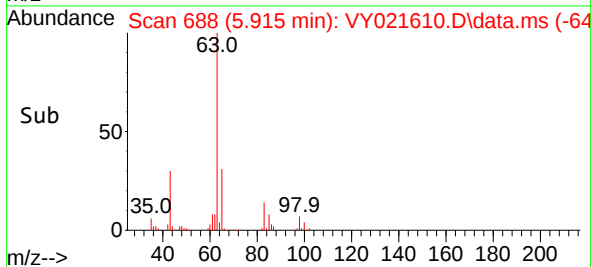
Reviewed By :Mahesh Dadoda 03/26/2025
 Supervised By :Semsettin Yesilyurt 03/26/2025

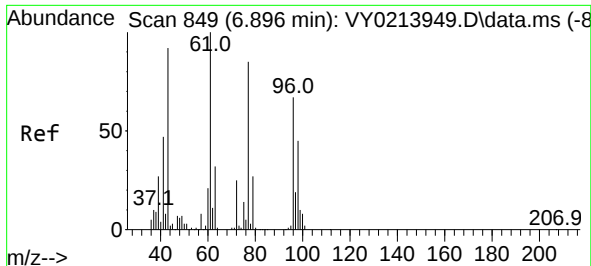


#24
 1,1-Dichloroethane
 Concen: 49.412 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.012 min
 Lab File: VY021610.D
 Acq: 24 Mar 2025 11:06



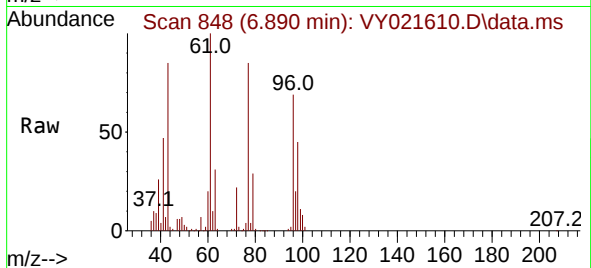
Tgt Ion: 63 Resp: 224139
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.3 9.9
 100 4.3 2.1 6.5





#25
2-Butanone
Concen: 241.652 ug/l
RT: 6.890 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY021610.D
Acq: 24 Mar 2025 11:06

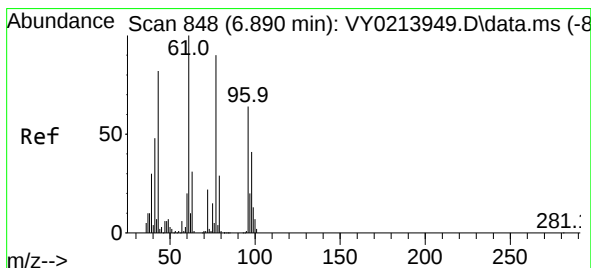
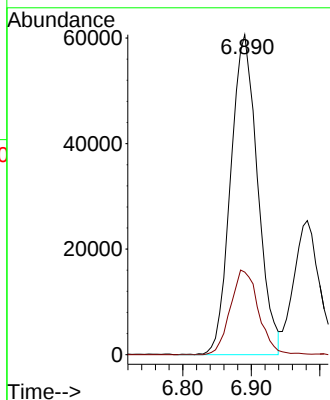
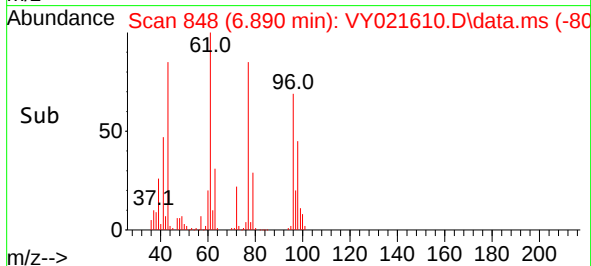
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 165552
Ion Ratio Lower Upper
43 100
72 25.8 21.4 32.0

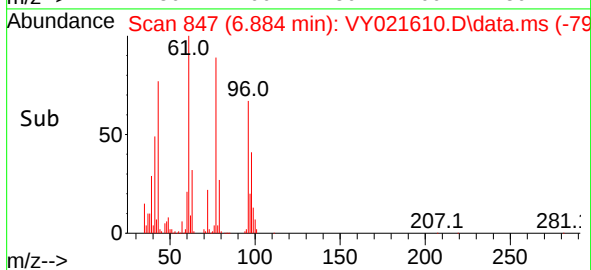
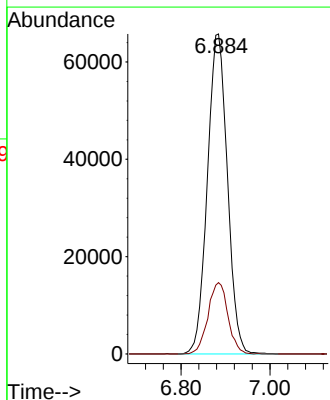
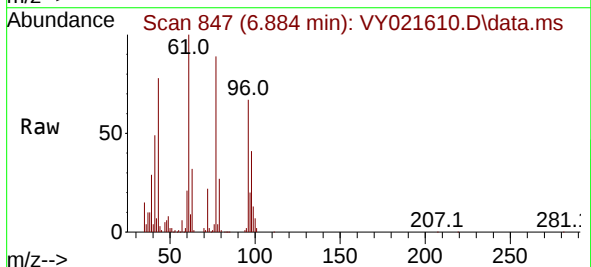
Manual Integrations
APPROVED

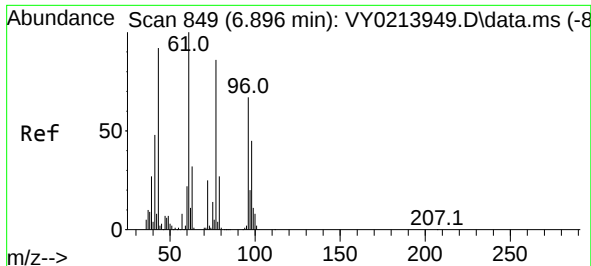
Reviewed By :Mahesh Dadoda 03/26/2025
Supervised By :Semsettin Yesilyurt 03/26/2025



#26
2,2-Dichloropropane
Concen: 49.248 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY021610.D
Acq: 24 Mar 2025 11:06

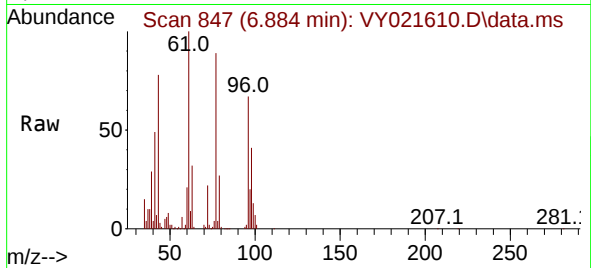
Tgt Ion: 77 Resp: 205548
Ion Ratio Lower Upper
77 100
97 22.3 11.3 33.8





#27
 cis-1,2-Dichloroethene
 Concen: 49.222 ug/l
 RT: 6.884 min Scan# 849
 Delta R.T. -0.012 min
 Lab File: VY021610.D
 Acq: 24 Mar 2025 11:06

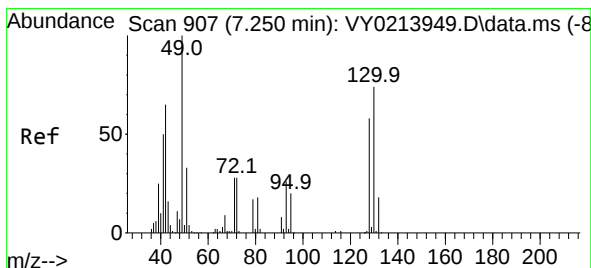
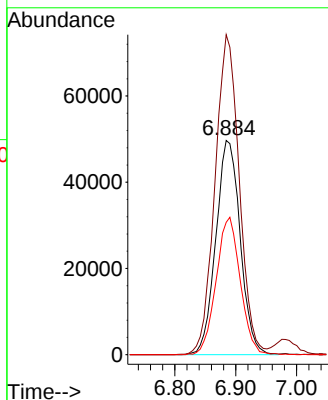
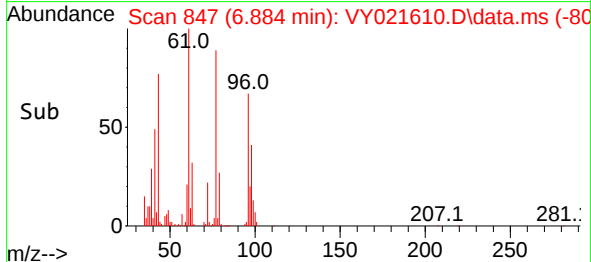
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 13819
 Ion Ratio Lower Upper
 96 100
 61 148.4 0.0 300.8
 98 63.5 0.0 130.0

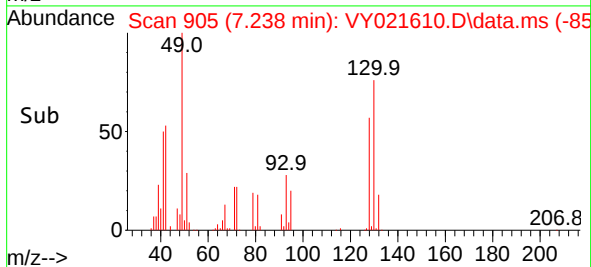
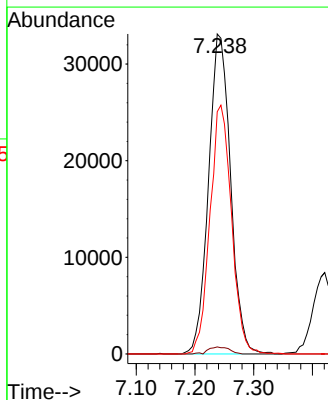
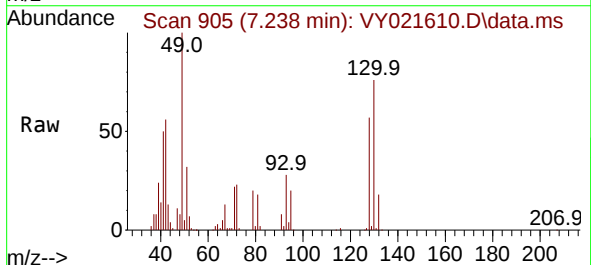
Manual Integrations
 APPROVED

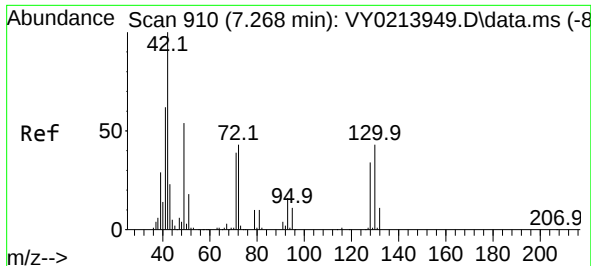
Reviewed By :Mahesh Dadoda 03/26/2025
 Supervised By :Semsettin Yesilyurt 03/26/2025



#28
 Bromochloromethane
 Concen: 45.344 ug/l
 RT: 7.238 min Scan# 905
 Delta R.T. -0.012 min
 Lab File: VY021610.D
 Acq: 24 Mar 2025 11:06

Tgt Ion: 49 Resp: 86231
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.2
 130 76.1 59.6 89.4





#29

Tetrahydrofuran

Concen: 233.546 ug/l

RT: 7.262 min Scan# 909

Delta R.T. -0.006 min

Lab File: VY021610.D

Acq: 24 Mar 2025 11:06

Instrument :

MSVOA_Y

ClientSampleId :

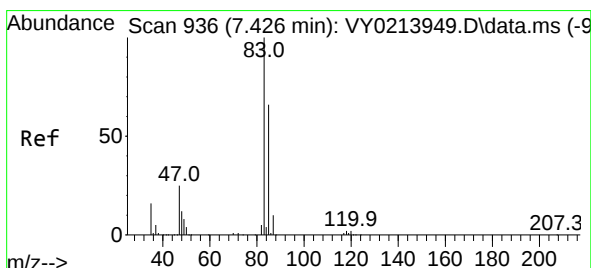
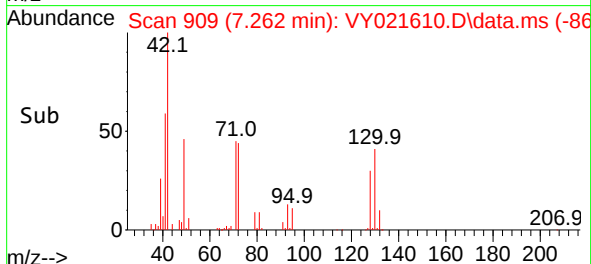
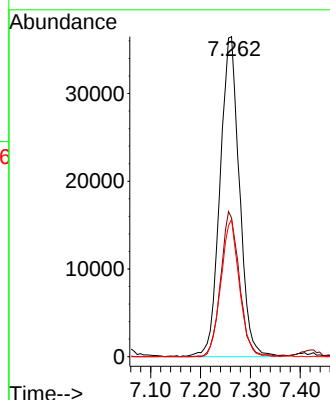
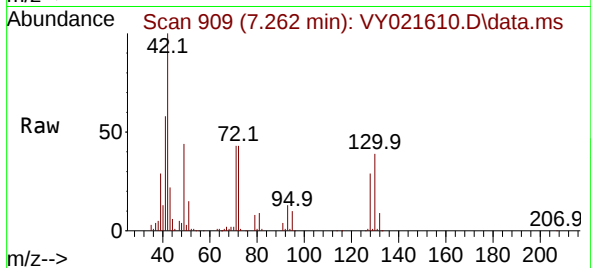
VSTDCCC050

Tgt Ion:	42	Resp:	98775
Ion	Ratio	Lower	Upper
42	100		
72	43.5	34.8	52.2
71	40.7	32.6	48.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/26/2025
Supervised By :Semsettin Yesilyurt 03/26/2025



#30

Chloroform

Concen: 49.863 ug/l

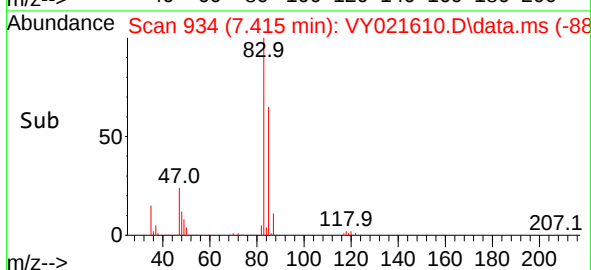
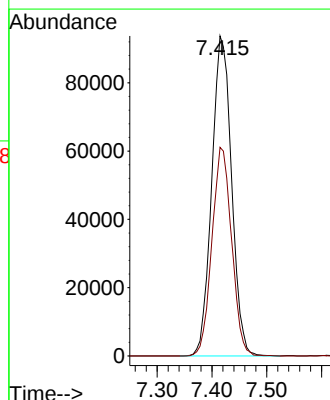
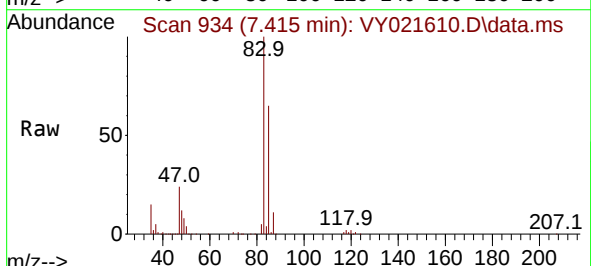
RT: 7.415 min Scan# 934

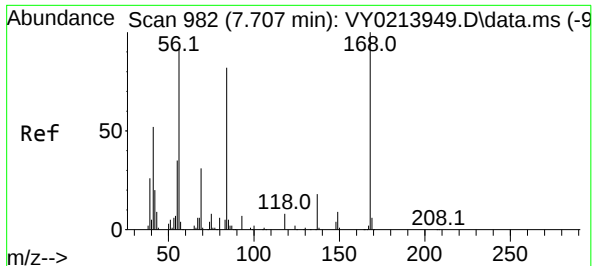
Delta R.T. -0.012 min

Lab File: VY021610.D

Acq: 24 Mar 2025 11:06

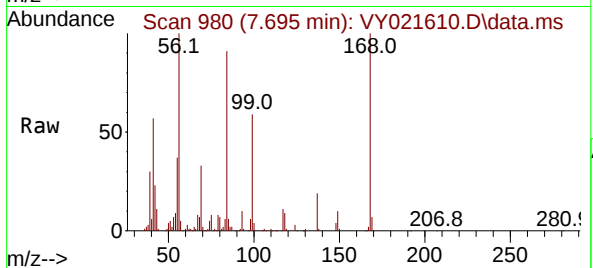
Tgt Ion:	83	Resp:	234869
Ion	Ratio	Lower	Upper
83	100		
85	65.2	53.1	79.7





#31
Cyclohexane
Concen: 42.990 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY021610.D
Acq: 24 Mar 2025 11:06

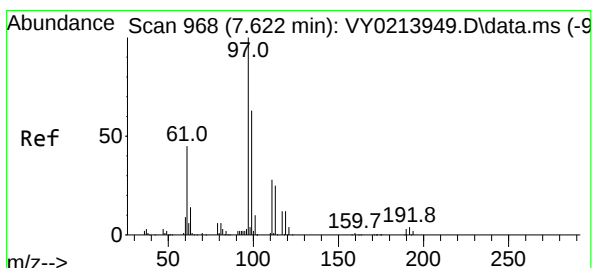
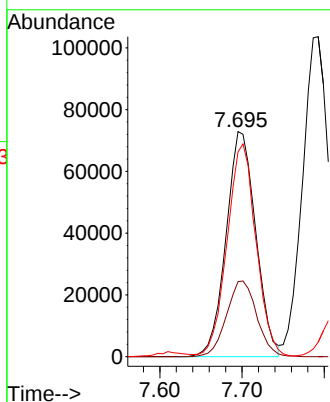
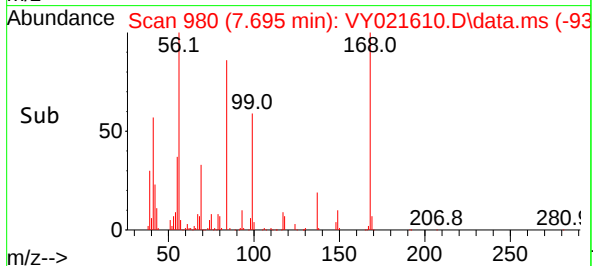
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 18282
Ion Ratio Lower Upper
56 100
69 33.4 27.0 40.4
84 89.4 71.1 106.7

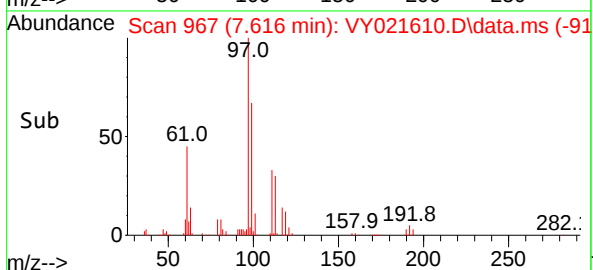
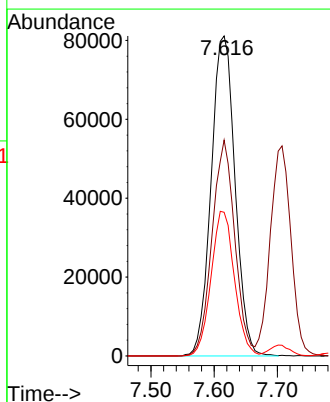
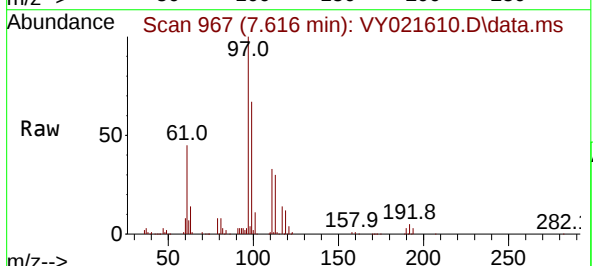
Manual Integrations
APPROVED

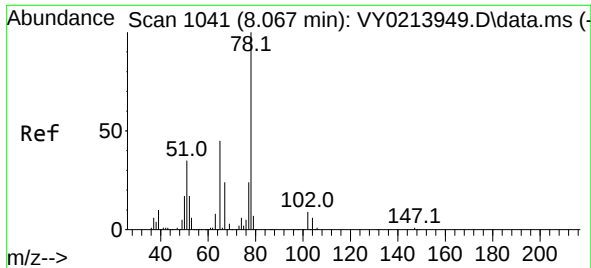
Reviewed By :Mahesh Dadoda 03/26/2025
Supervised By :Semsettin Yesilyurt 03/26/2025



#32
1,1,1-Trichloroethane
Concen: 49.379 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY021610.D
Acq: 24 Mar 2025 11:06

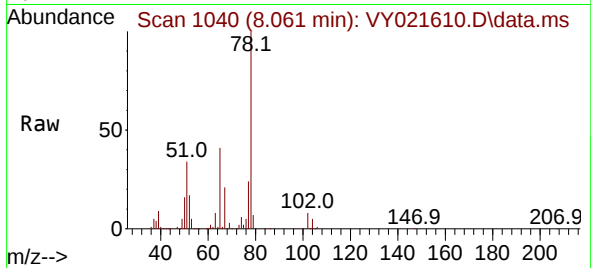
Tgt Ion: 97 Resp: 212965
Ion Ratio Lower Upper
97 100
99 64.4 51.7 77.5
61 44.1 35.7 53.5





#33
1,2-Dichloroethane-d4
Concen: 43.519 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY021610.D
Acq: 24 Mar 2025 11:06

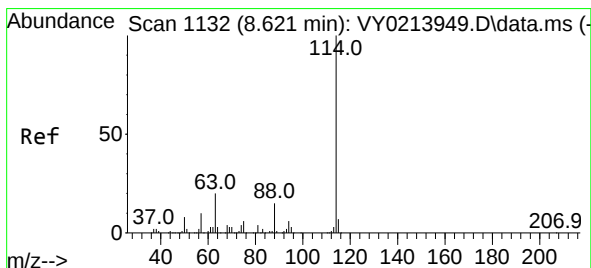
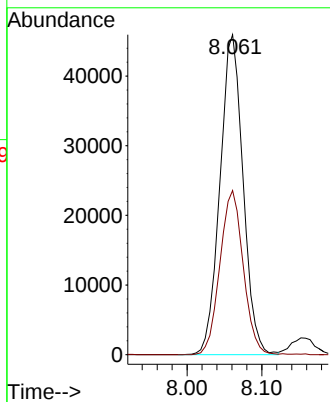
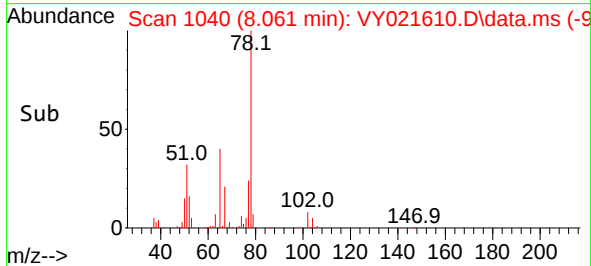
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 65 Resp: 98810
Ion Ratio Lower Upper
65 100
67 51.8 0.0 102.8

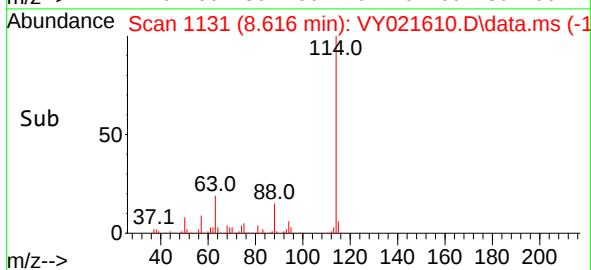
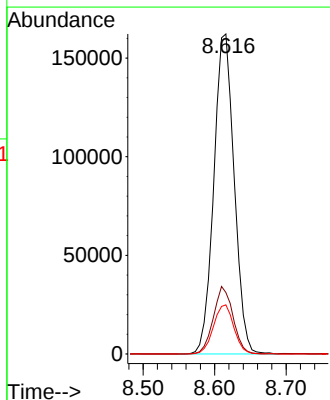
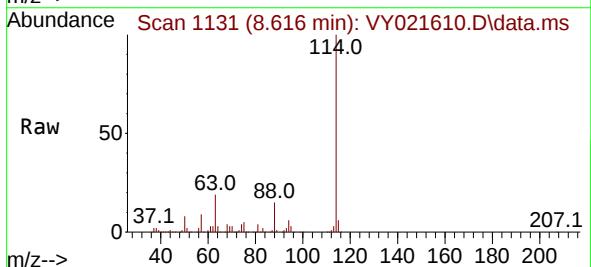
Manual Integrations
APPROVED

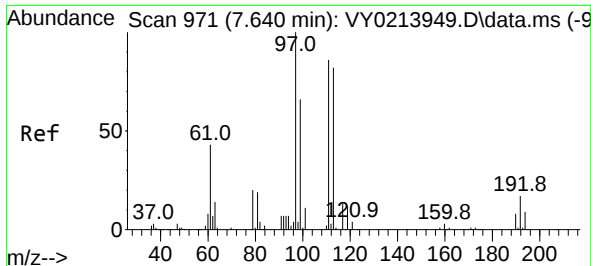
Reviewed By :Mahesh Dadoda 03/26/2025
Supervised By :Semsettin Yesilyurt 03/26/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VY021610.D
Acq: 24 Mar 2025 11:06

Tgt Ion:114 Resp: 321283
Ion Ratio Lower Upper
114 100
63 19.2 0.0 40.8
88 15.3 0.0 30.8





#35

Dibromofluoromethane

Concen: 46.810 ug/l

RT: 7.628 min Scan# 90

Delta R.T. -0.012 min

Lab File: VY021610.D

Acq: 24 Mar 2025 11:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

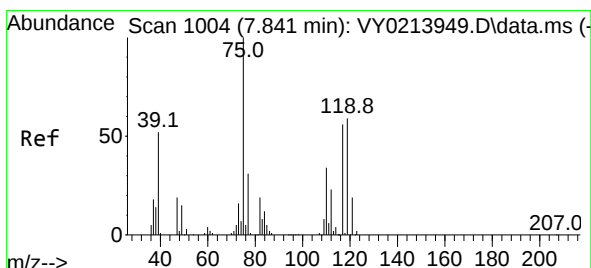
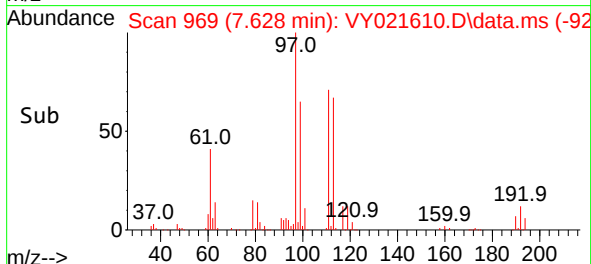
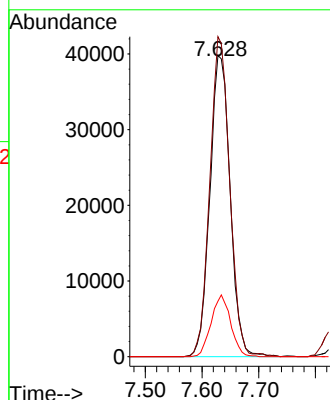
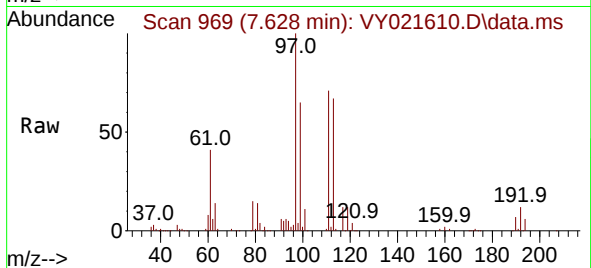
Tgt Ion: 113 Resp: 98850

Ion	Ratio	Lower	Upper
113	100		
111	104.0	82.0	123.0
192	19.8	15.9	23.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/26/2025
Supervised By :Semsettin Yesilyurt 03/26/2025



#36

1,1-Dichloropropene

Concen: 49.474 ug/l

RT: 7.835 min Scan# 1003

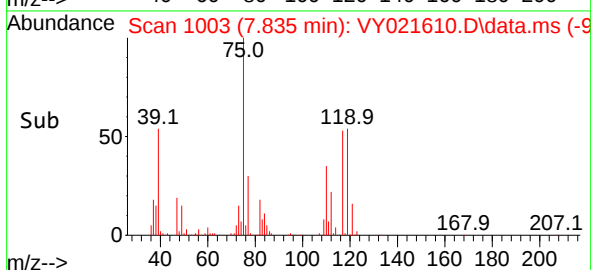
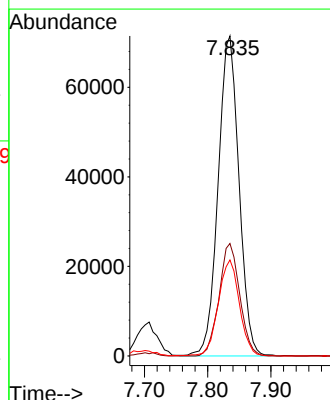
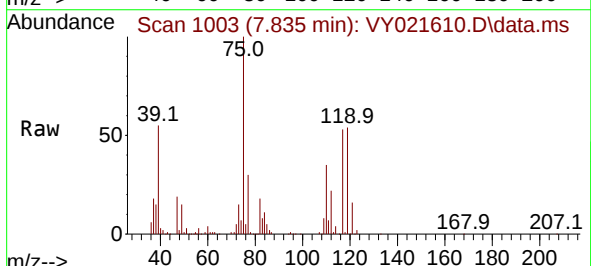
Delta R.T. -0.006 min

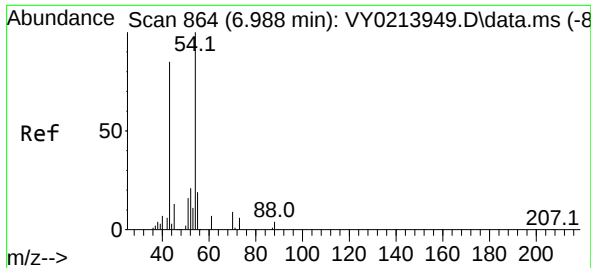
Lab File: VY021610.D

Acq: 24 Mar 2025 11:06

Tgt Ion: 75 Resp: 163545

Ion	Ratio	Lower	Upper
75	100		
110	34.9	17.3	51.7
77	30.4	25.4	38.2





#37

Ethyl Acetate

Concen: 46.568 ug/l

RT: 6.982 min Scan# 80

Delta R.T. -0.006 min

Lab File: VY021610.D

Acq: 24 Mar 2025 11:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

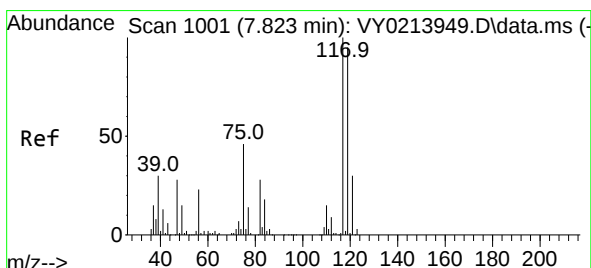
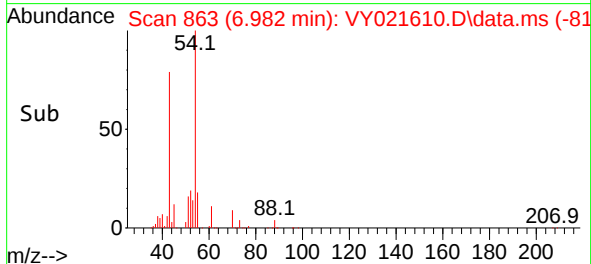
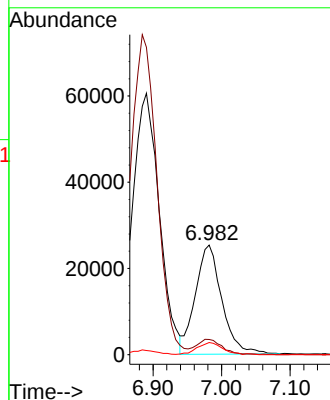
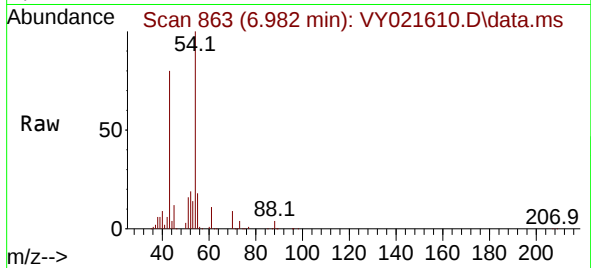
Tgt Ion: 43 Resp: 68040

Ion	Ratio	Lower	Upper
43	100		
61	13.8	11.4	17.0
70	10.8	8.2	12.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/26/2025
Supervised By :Semsettin Yesilyurt 03/26/2025



#38

Carbon Tetrachloride

Concen: 51.726 ug/l

RT: 7.811 min Scan# 999

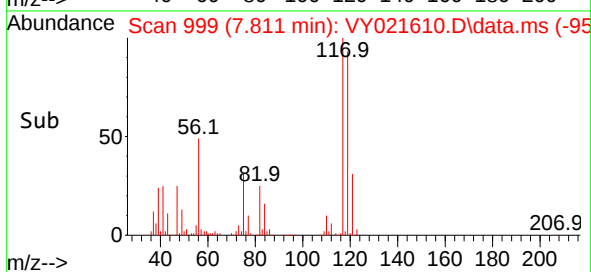
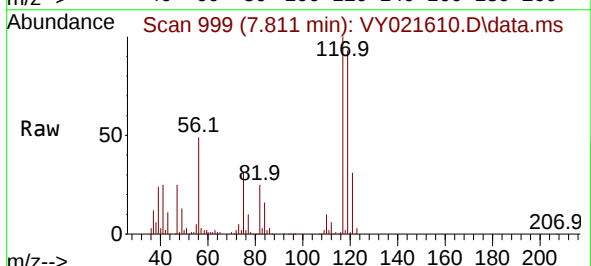
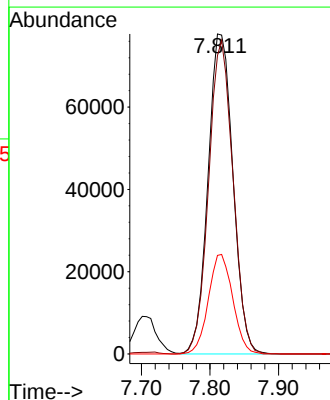
Delta R.T. -0.012 min

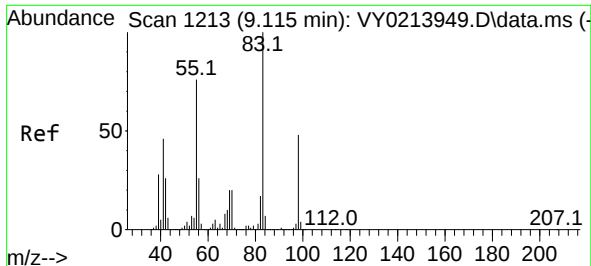
Lab File: VY021610.D

Acq: 24 Mar 2025 11:06

Tgt Ion:117 Resp: 196650

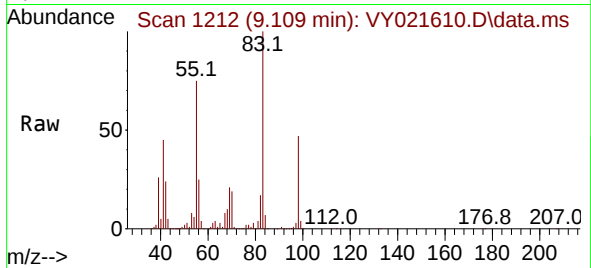
Ion	Ratio	Lower	Upper
117	100		
119	93.2	75.8	113.8
121	30.8	23.9	35.9





#39
Methylcyclohexane
Concen: 48.945 ug/l
RT: 9.109 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021610.D
Acq: 24 Mar 2025 11:06

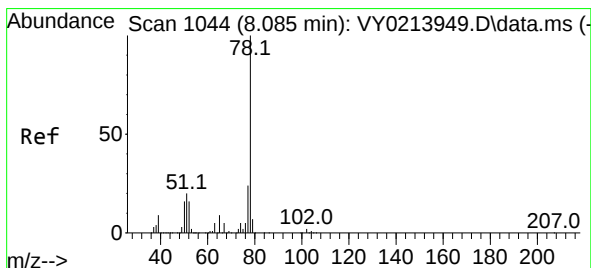
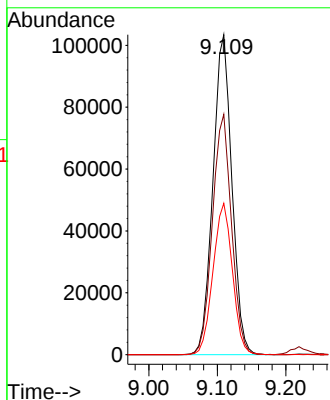
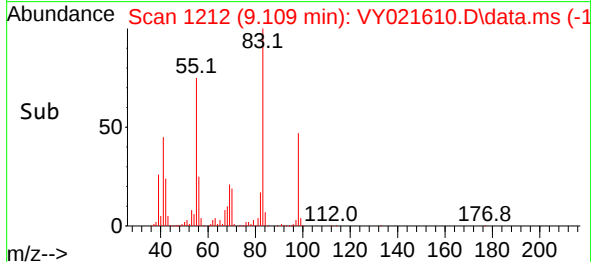
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 19846
Ion Ratio Lower Upper
83 100
55 75.1 60.7 91.1
98 47.3 38.6 57.8

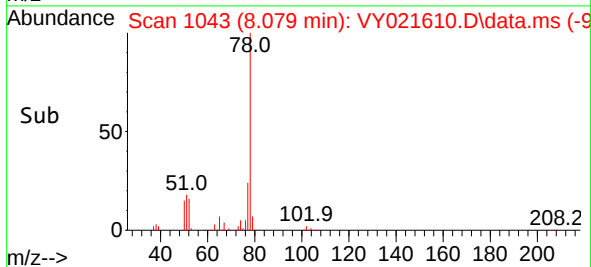
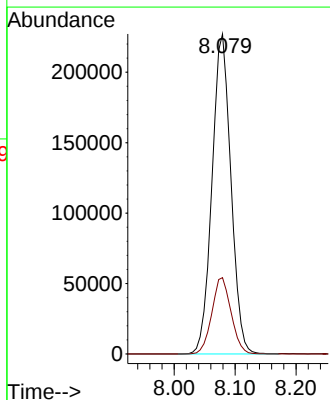
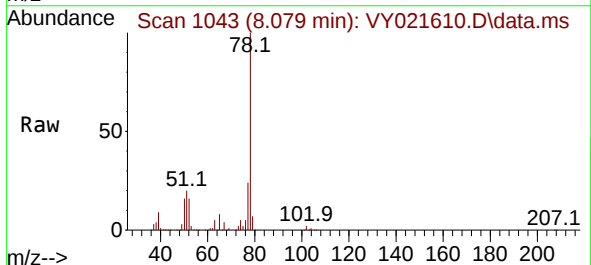
Manual Integrations
APPROVED

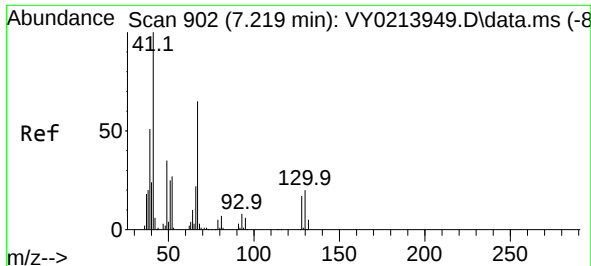
Reviewed By :Mahesh Dadoda 03/26/2025
Supervised By :Semsettin Yesilyurt 03/26/2025



#40
Benzene
Concen: 50.247 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. -0.006 min
Lab File: VY021610.D
Acq: 24 Mar 2025 11:06

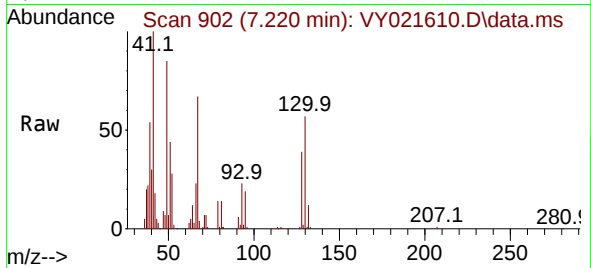
Tgt Ion: 78 Resp: 489296
Ion Ratio Lower Upper
78 100
77 23.8 19.0 28.4





#41
Methacrylonitrile
Concen: 50.552 ug/l
RT: 7.220 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY021610.D
Acq: 24 Mar 2025 11:06

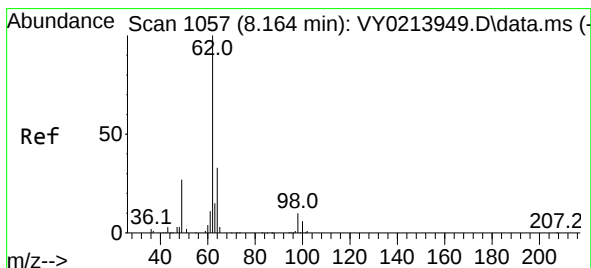
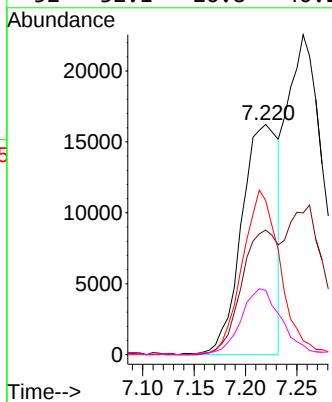
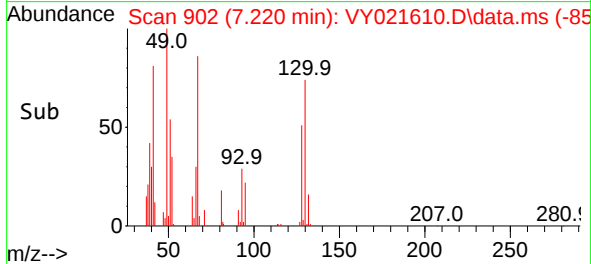
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:	41	Resp:	4021
Ion	Ratio	Lower	Upper
41	100		
39	53.4	35.0	52.6
67	74.5	61.2	91.8
52	32.1	26.8	40.2

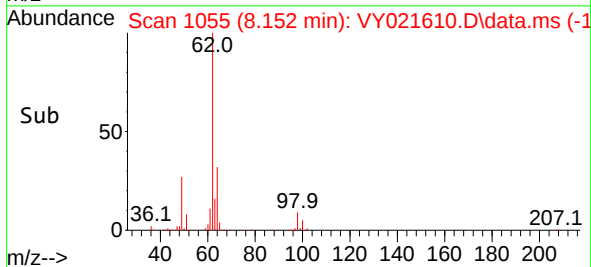
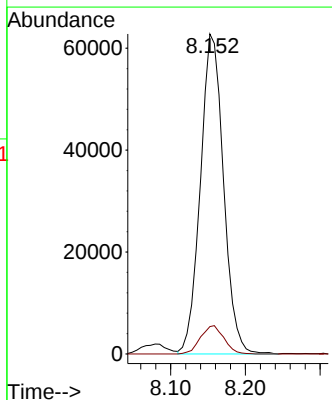
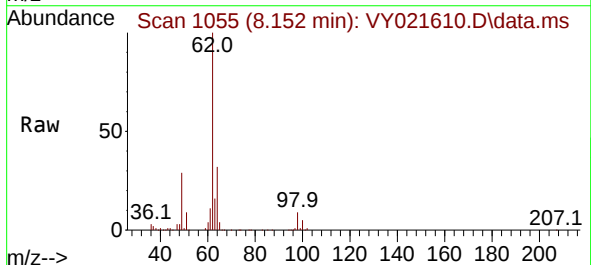
Manual Integrations
APPROVED

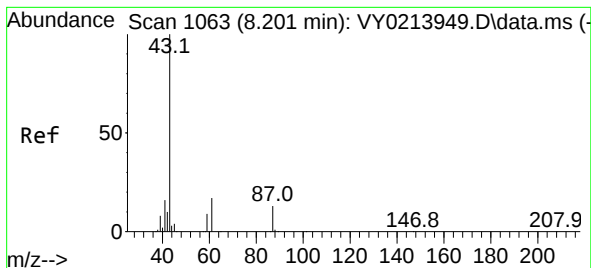
Reviewed By :Mahesh Dadoda 03/26/2025
Supervised By :Semsettin Yesilyurt 03/26/2025



#42
1,2-Dichloroethane
Concen: 49.649 ug/l
RT: 8.152 min Scan# 1055
Delta R.T. -0.012 min
Lab File: VY021610.D
Acq: 24 Mar 2025 11:06

Tgt Ion:	62	Resp:	135254
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	18.2





#43

Isopropyl Acetate

Concen: 47.605 ug/l

RT: 8.195 min Scan# 1062

Delta R.T. -0.006 min

Lab File: VY021610.D

Acq: 24 Mar 2025 11:06

Instrument :

MSVOA_Y

ClientSampleId :

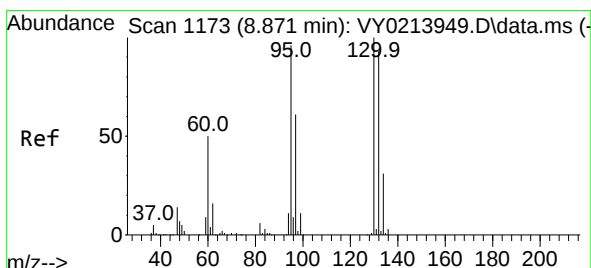
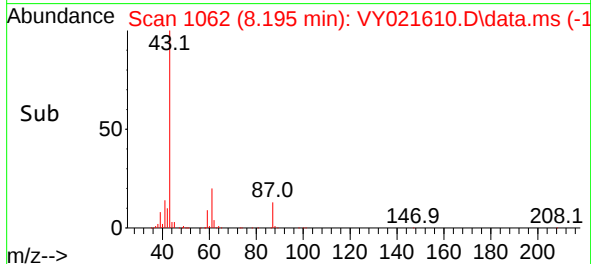
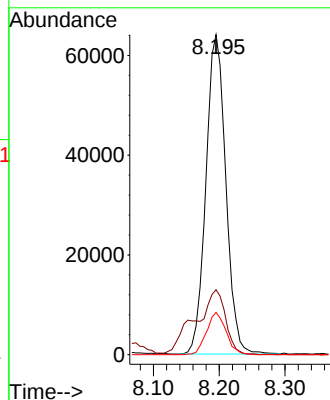
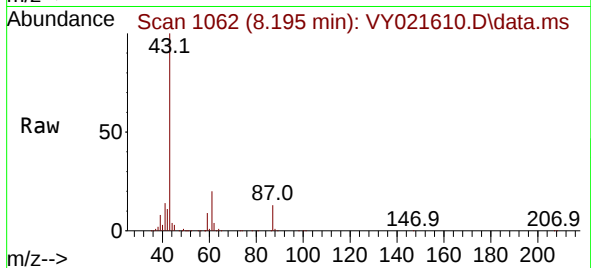
VSTDCCC050

Tgt Ion:	43	Resp:	13502
Ion Ratio	Lower	Upper	
43	100		
61	19.9	23.4	35.0
87	13.0	10.5	15.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/26/2025
Supervised By :Semsettin Yesilyurt 03/26/2025



#44

Trichloroethene

Concen: 51.825 ug/l

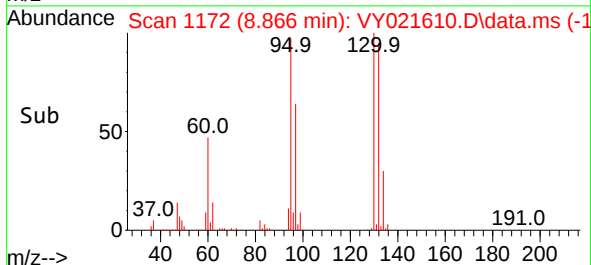
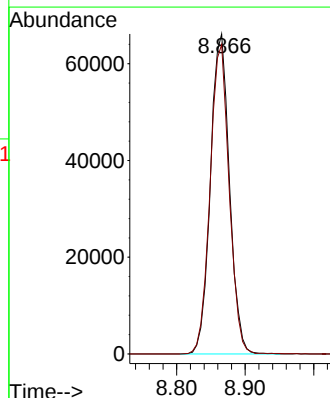
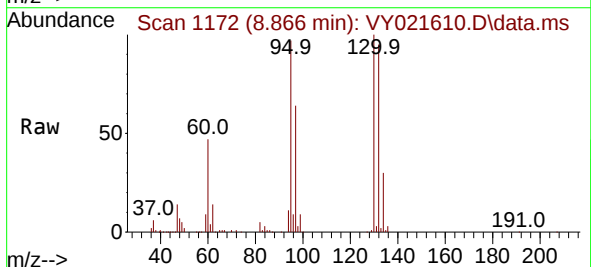
RT: 8.866 min Scan# 1172

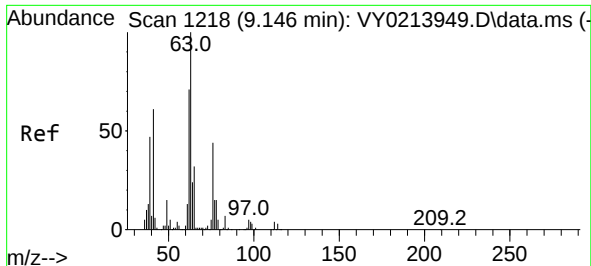
Delta R.T. -0.006 min

Lab File: VY021610.D

Acq: 24 Mar 2025 11:06

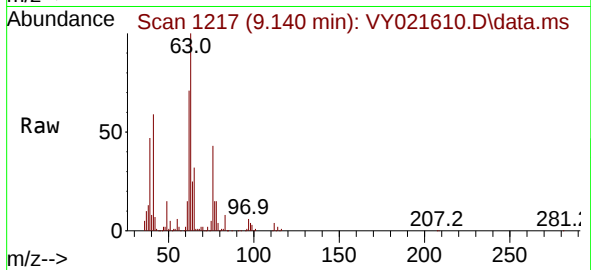
Tgt Ion:	130	Resp:	127529
Ion Ratio	Lower	Upper	
130	100		
95	96.7	0.0	191.6





#45
1,2-Dichloropropane
Concen: 50.785 ug/l
RT: 9.140 min Scan# 1217
Delta R.T. -0.006 min
Lab File: VY021610.D
Acq: 24 Mar 2025 11:06

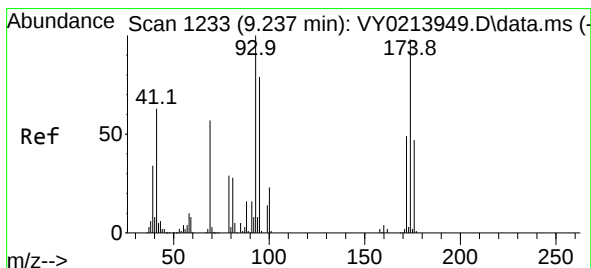
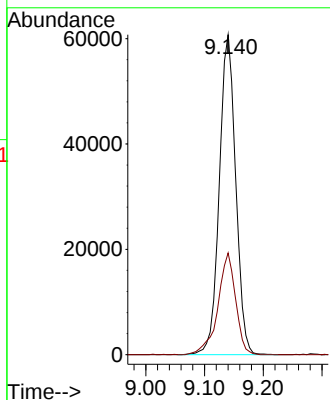
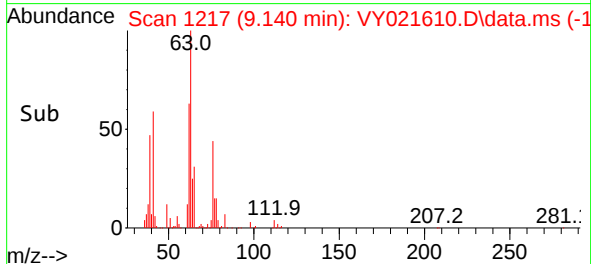
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 63 Resp: 117700
Ion Ratio Lower Upper
63 100
65 31.8 26.0 39.0

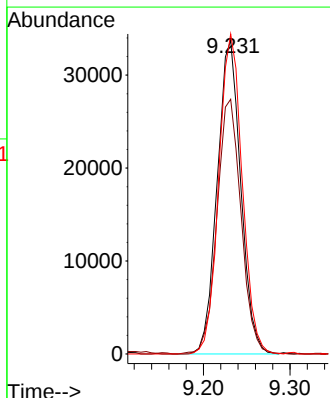
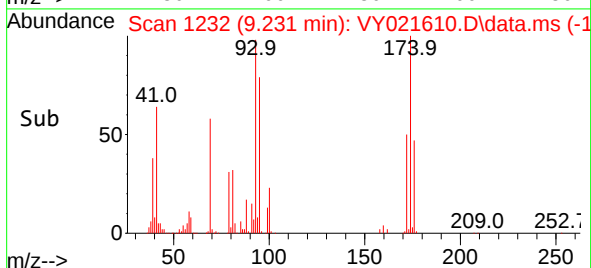
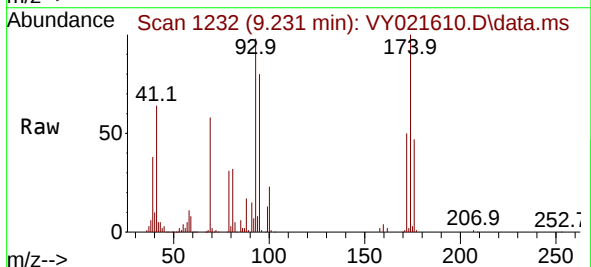
Manual Integrations
APPROVED

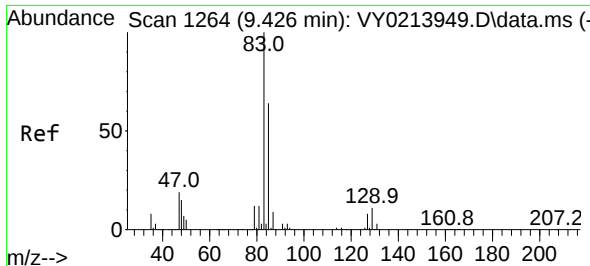
Reviewed By :Mahesh Dadoda 03/26/2025
Supervised By :Semsettin Yesilyurt 03/26/2025



#46
Dibromomethane
Concen: 49.358 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. -0.006 min
Lab File: VY021610.D
Acq: 24 Mar 2025 11:06

Tgt Ion: 93 Resp: 63649
Ion Ratio Lower Upper
93 100
95 83.1 65.8 98.8
174 101.5 77.9 116.9





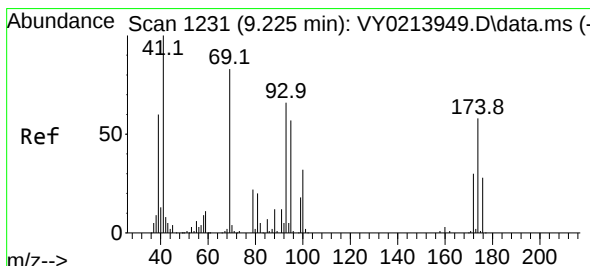
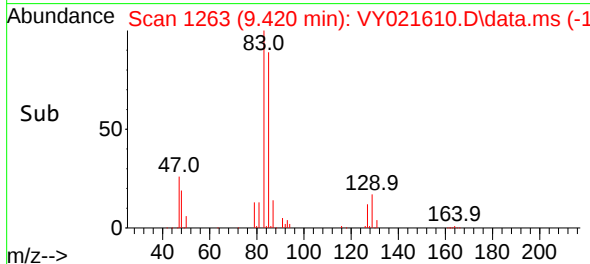
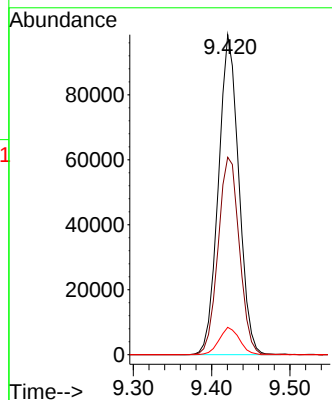
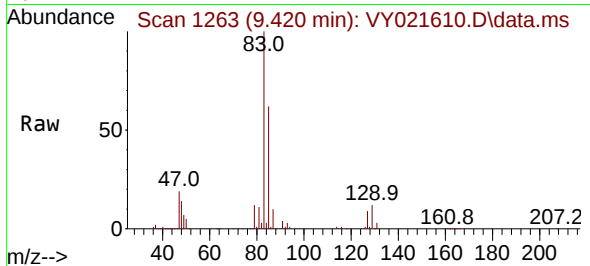
#47
Bromodichloromethane
Concen: 52.046 ug/l
RT: 9.420 min Scan# 1264
Delta R.T. -0.006 min
Lab File: VY021610.D
Acq: 24 Mar 2025 11:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 178238
Ion Ratio Lower Upper
83 100
85 61.7 51.1 76.7
127 8.6 6.7 10.1

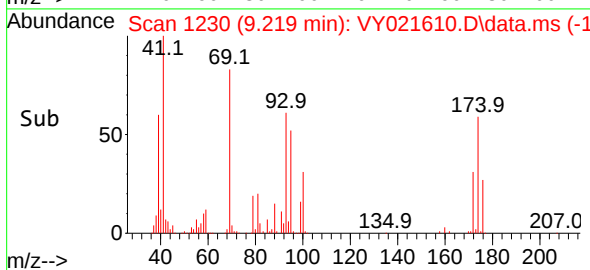
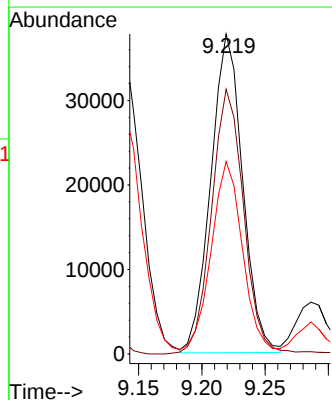
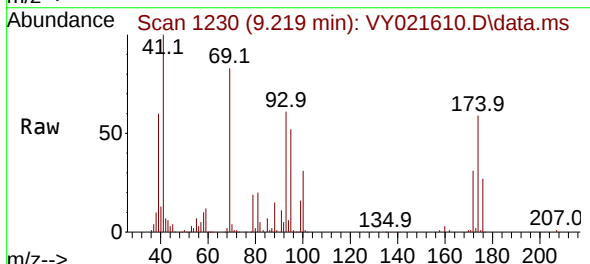
Manual Integrations
APPROVED

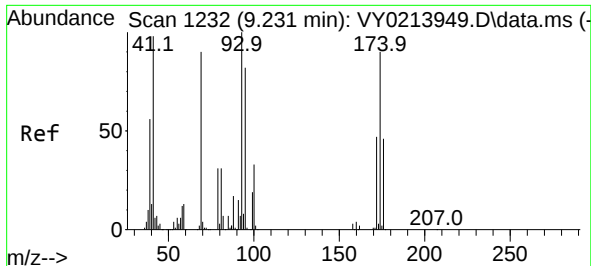
Reviewed By :Mahesh Dadoda 03/26/2025
Supervised By :Semsettin Yesilyurt 03/26/2025



#48
Methyl methacrylate
Concen: 50.817 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.006 min
Lab File: VY021610.D
Acq: 24 Mar 2025 11:06

Tgt Ion: 41 Resp: 66185
Ion Ratio Lower Upper
41 100
69 84.2 67.8 101.8
39 56.9 46.4 69.6





#49

1,4-Dioxane

Concen: 1106.321 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. -0.006 min

Lab File: VY021610.D

Acq: 24 Mar 2025 11:06

Instrument :

MSVOA_Y

ClientSampleId :

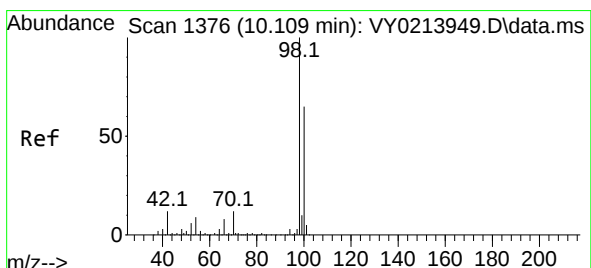
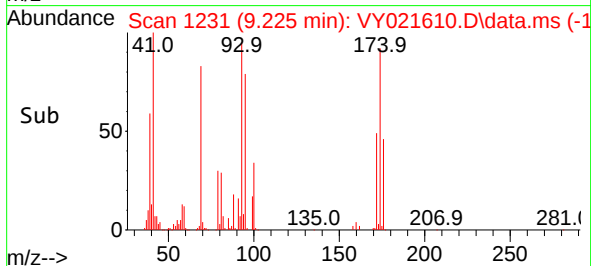
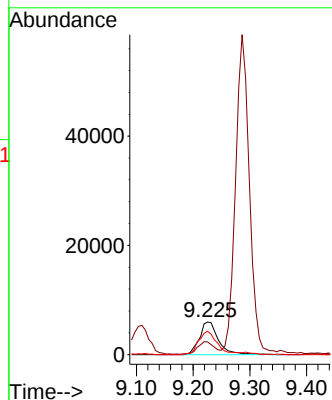
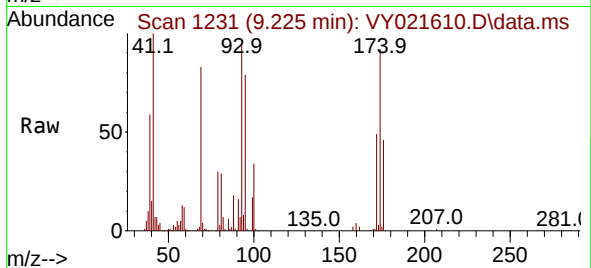
VSTDCCC050

Tgt Ion:	88	Resp:	1400
Ion	Ratio	Lower	Upper
88	100		
43	34.0	25.0	37.4
58	70.8	58.4	87.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/26/2025
Supervised By :Semsettin Yesilyurt 03/26/2025



#50

Toluene-d8

Concen: 45.872 ug/l

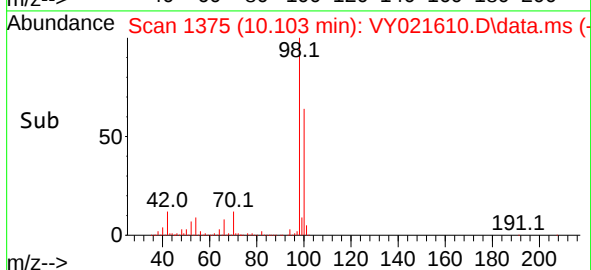
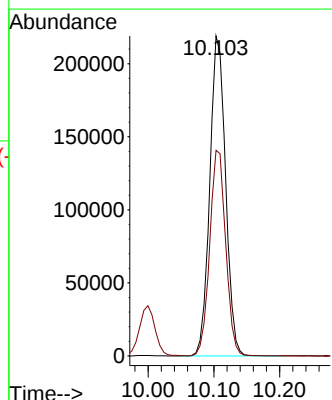
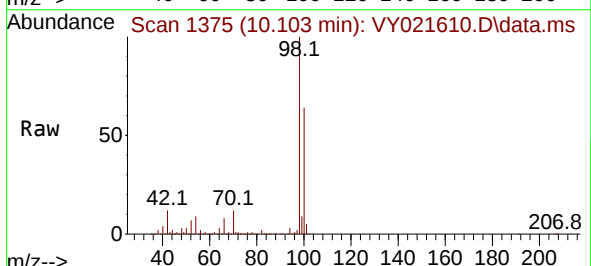
RT: 10.103 min Scan# 1375

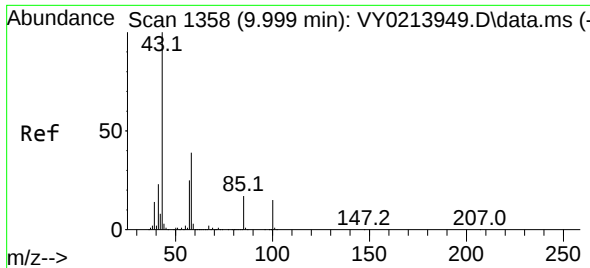
Delta R.T. -0.006 min

Lab File: VY021610.D

Acq: 24 Mar 2025 11:06

Tgt Ion:	98	Resp:	366801
Ion	Ratio	Lower	Upper
98	100		
100	64.8	52.1	78.1





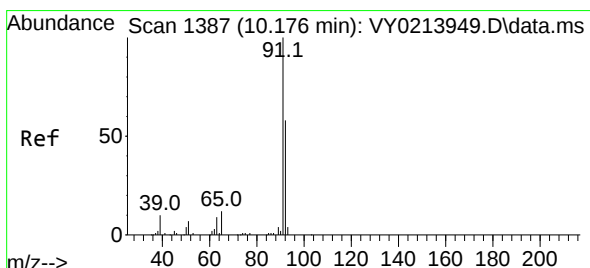
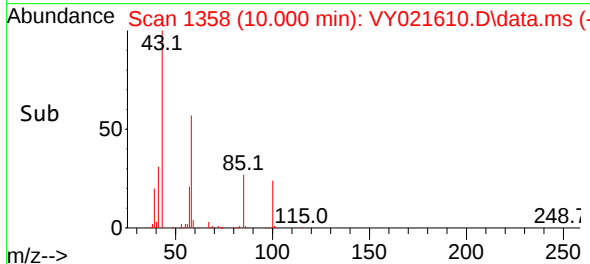
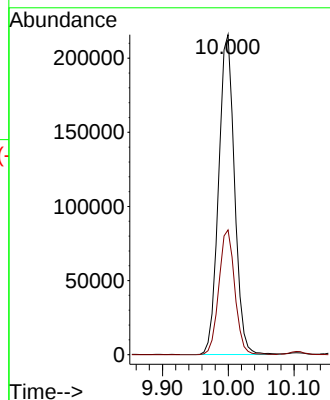
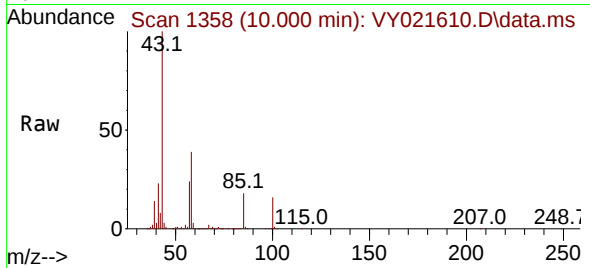
#51
4-Methyl-2-Pentanone
Concen: 248.201 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY021610.D
Acq: 24 Mar 2025 11:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 363229
Ion Ratio Lower Upper
43 100
58 39.1 31.4 47.2

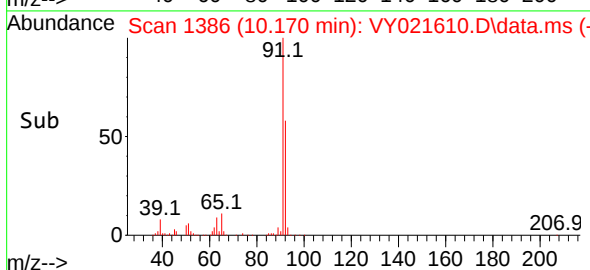
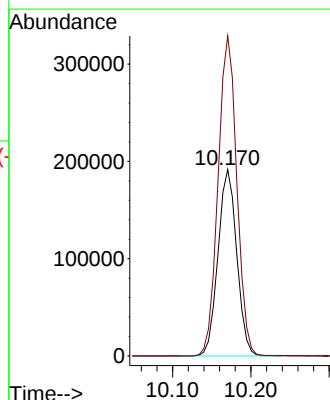
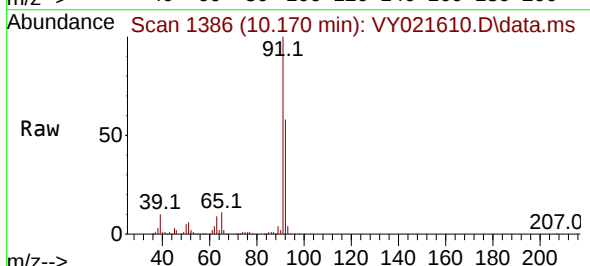
Manual Integrations
APPROVED

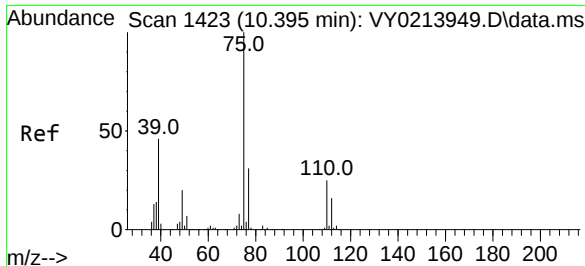
Reviewed By :Mahesh Dadoda 03/26/2025
Supervised By :Semsettin Yesilyurt 03/26/2025



#52
Toluene
Concen: 51.915 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY021610.D
Acq: 24 Mar 2025 11:06

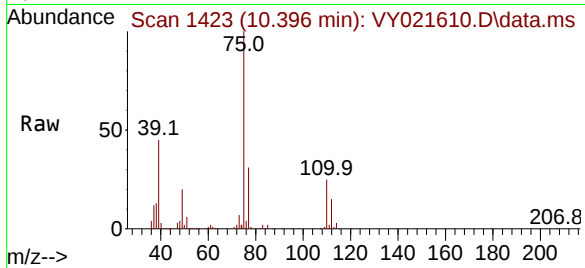
Tgt Ion: 92 Resp: 318719
Ion Ratio Lower Upper
92 100
91 172.1 138.2 207.2





#53
 t-1,3-Dichloropropene
 Concen: 51.363 ug/l
 RT: 10.396 min Scan# 1423
 Delta R.T. 0.000 min
 Lab File: VY021610.D
 Acq: 24 Mar 2025 11:06

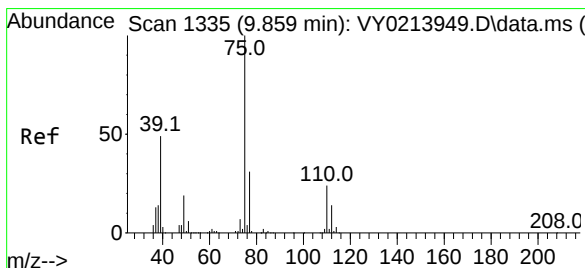
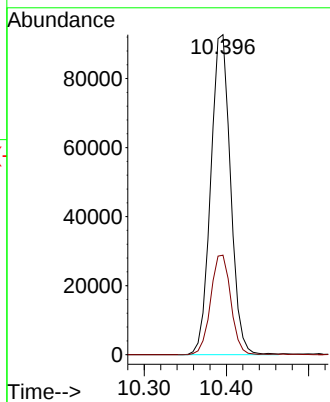
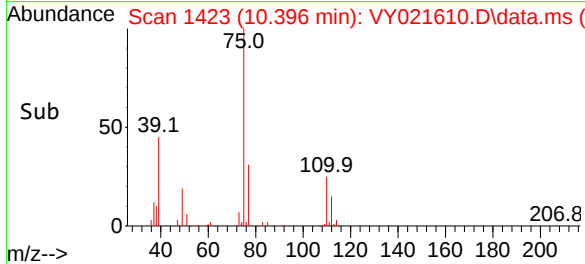
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 75 Resp: 15497
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.0 37.6

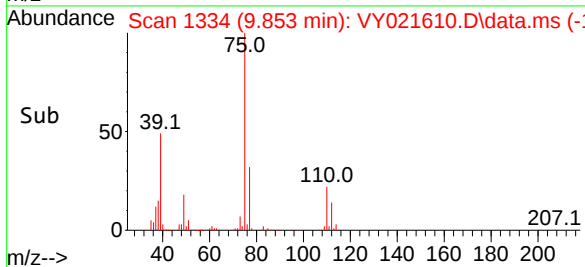
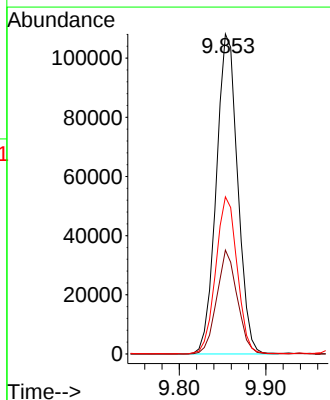
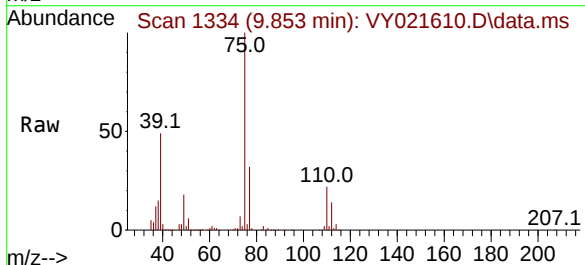
Manual Integrations
 APPROVED

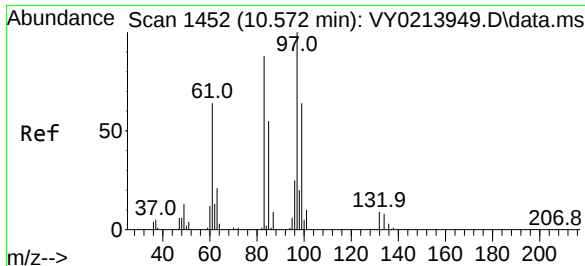
Reviewed By :Mahesh Dadoda 03/26/2025
 Supervised By :Semsettin Yesilyurt 03/26/2025



#54
 cis-1,3-Dichloropropene
 Concen: 51.787 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. -0.006 min
 Lab File: VY021610.D
 Acq: 24 Mar 2025 11:06

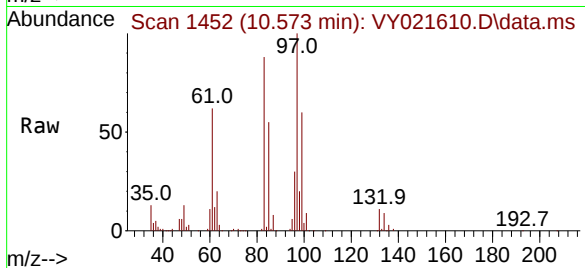
Tgt Ion: 75 Resp: 185508
 Ion Ratio Lower Upper
 75 100
 77 32.5 24.6 37.0
 39 49.0 39.4 59.2





#55
1,1,2-Trichloroethane
Concen: 51.523 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY021610.D
Acq: 24 Mar 2025 11:06

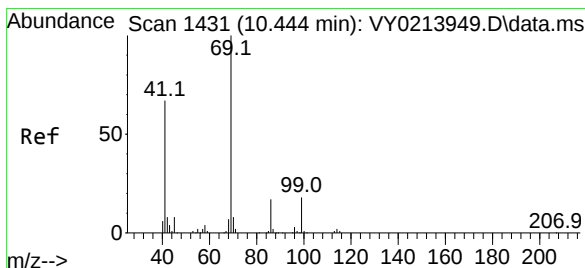
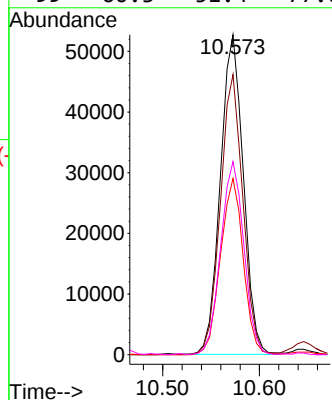
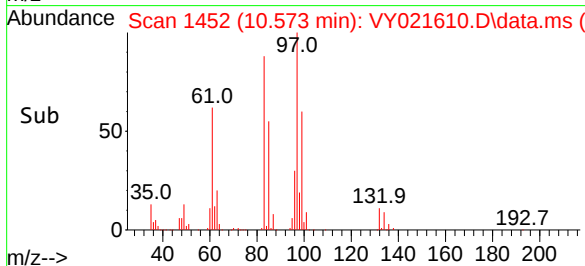
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



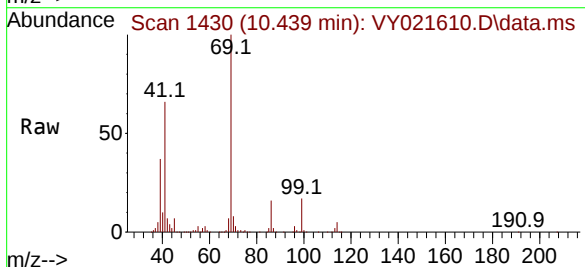
Tgt Ion	Ratio	Lower	Upper
97	100		
83	87.7	70.0	105.0
85	55.1	44.3	66.5
99	60.3	51.4	77.0

Manual Integrations
APPROVED

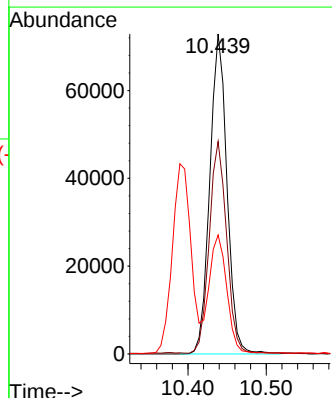
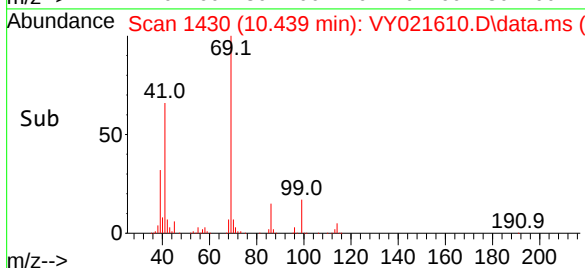
Reviewed By :Mahesh Dadoda 03/26/2025
Supervised By :Semsettin Yesilyurt 03/26/2025



#56
Ethyl methacrylate
Concen: 51.606 ug/l
RT: 10.439 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VY021610.D
Acq: 24 Mar 2025 11:06



Tgt Ion	Ratio	Lower	Upper
69	100		
41	66.6	53.3	79.9
39	38.6	31.0	46.6





#57

1,3-Dichloropropane

Concen: 50.639 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY021610.D

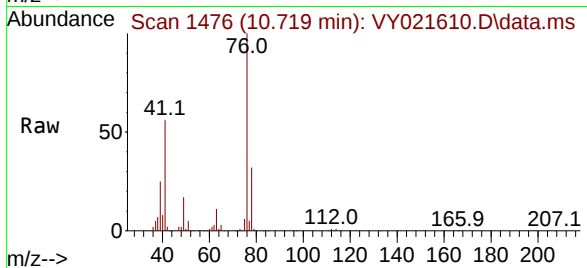
Acq: 24 Mar 2025 11:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050



Tgt Ion: 76 Resp: 148050

Ion Ratio Lower Upper

76 100

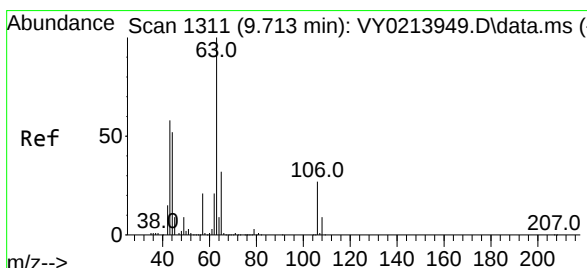
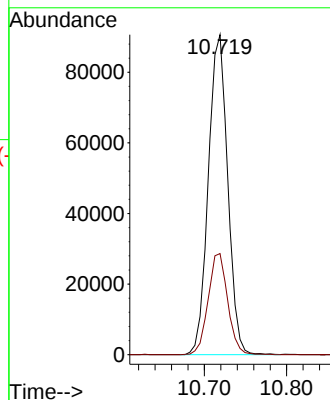
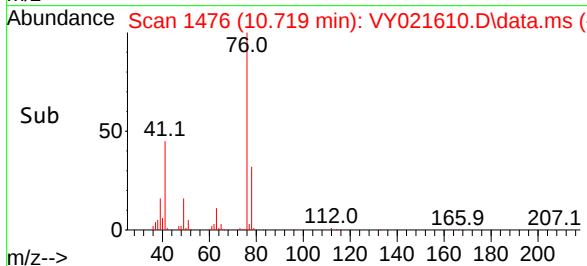
78 32.0 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/26/2025

Supervised By :Semsettin Yesilyurt 03/26/2025



#58

2-Chloroethyl Vinyl ether

Concen: 250.514 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.006 min

Lab File: VY021610.D

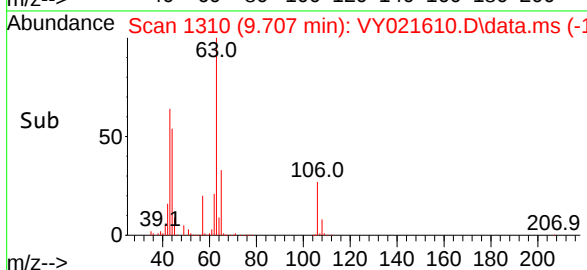
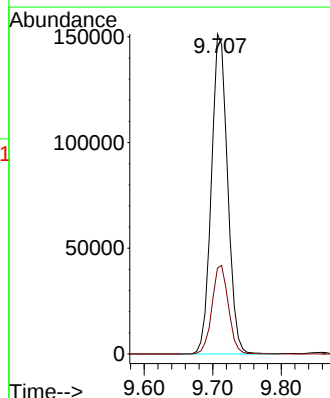
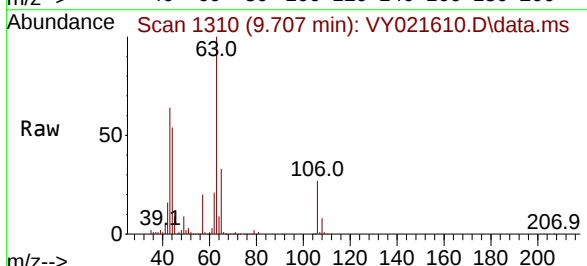
Acq: 24 Mar 2025 11:06

Tgt Ion: 63 Resp: 248787

Ion Ratio Lower Upper

63 100

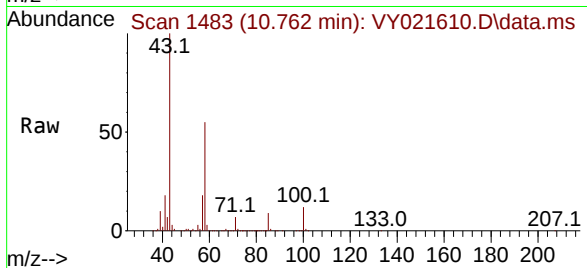
106 27.9 22.1 33.1





#59
2-Hexanone
Concen: 265.318 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY021610.D
Acq: 24 Mar 2025 11:06

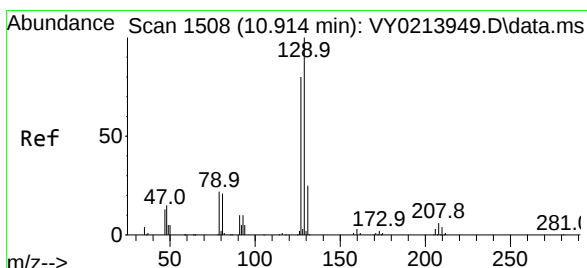
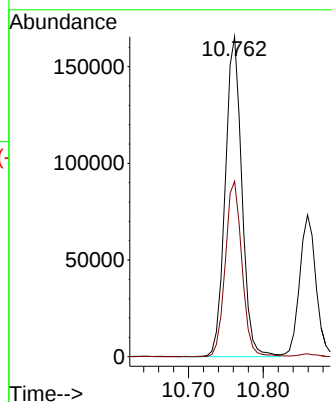
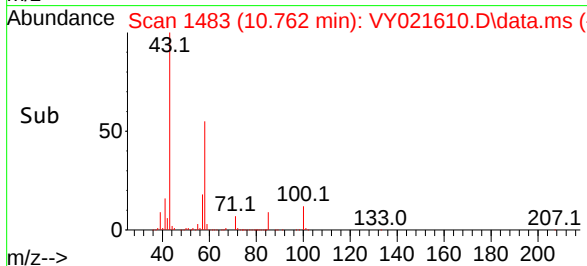
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 256739
Ion Ratio Lower Upper
43 100
58 54.9 27.3 81.8

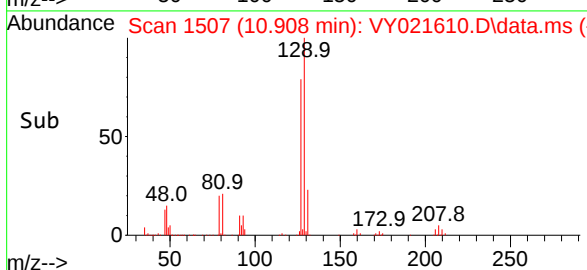
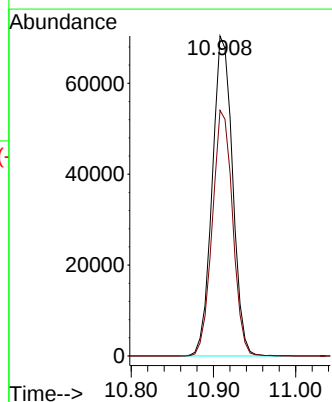
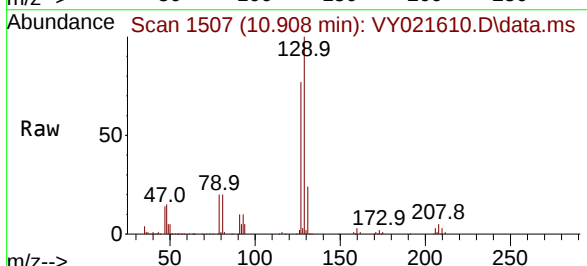
Manual Integrations
APPROVED

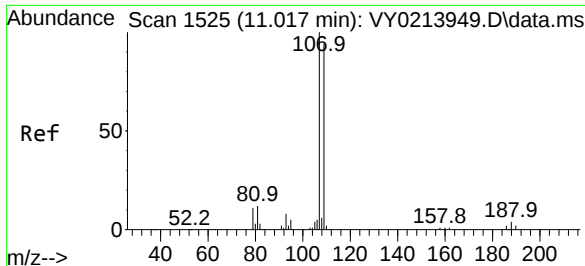
Reviewed By :Mahesh Dadoda 03/26/2025
Supervised By :Semsettin Yesilyurt 03/26/2025



#60
Dibromochloromethane
Concen: 52.321 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.006 min
Lab File: VY021610.D
Acq: 24 Mar 2025 11:06

Tgt Ion:129 Resp: 120995
Ion Ratio Lower Upper
129 100
127 76.7 39.1 117.3





#61
1,2-Dibromoethane
Concen: 50.657 ug/l
RT: 11.012 min Scan# 1525
Delta R.T. -0.006 min
Lab File: VY021610.D
Acq: 24 Mar 2025 11:06

Instrument :

MSVOA_Y

ClientSampleId :

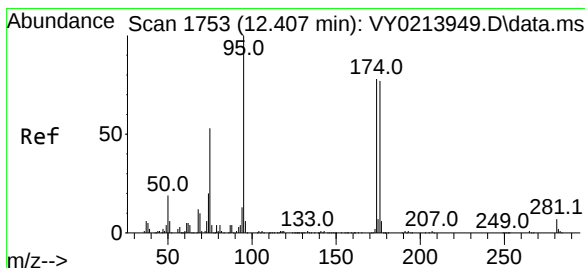
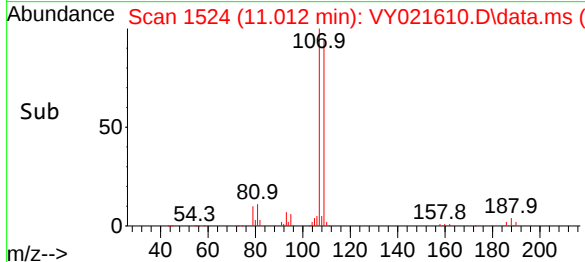
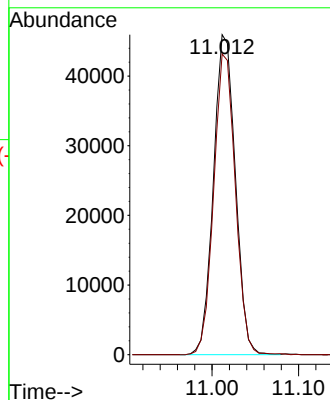
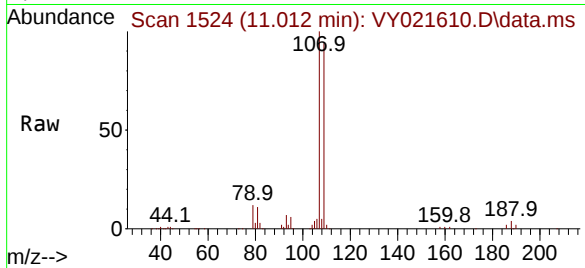
VSTDCCC050

Tgt Ion:107 Resp: 80648
Ion Ratio Lower Upper
107 100
109 93.0 75.8 113.8

Manual Integrations

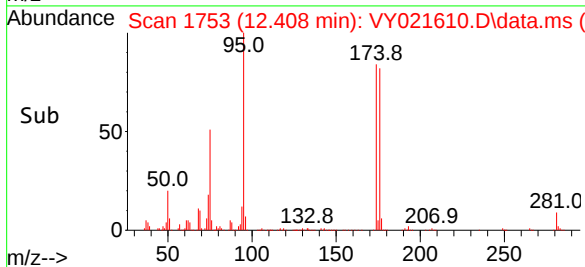
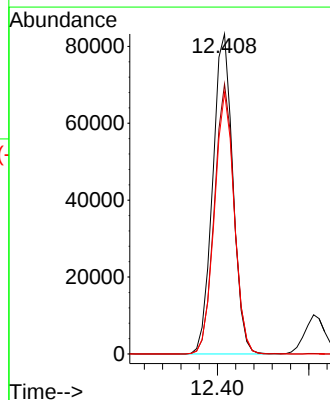
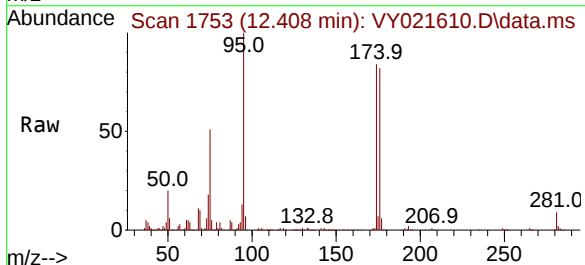
APPROVED

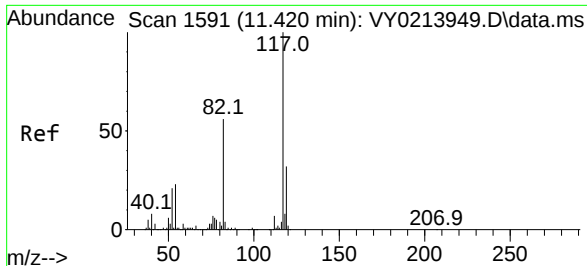
Reviewed By :Mahesh Dadoda 03/26/2025
Supervised By :Semsettin Yesilyurt 03/26/2025



#62
4-Bromofluorobenzene
Concen: 46.736 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021610.D
Acq: 24 Mar 2025 11:06

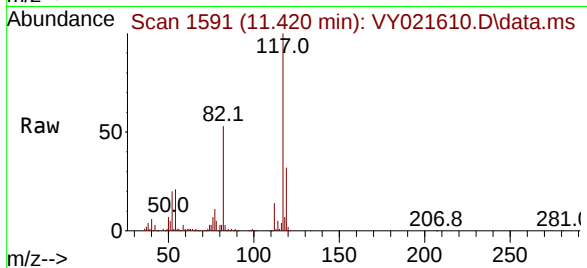
Tgt Ion: 95 Resp: 127119
Ion Ratio Lower Upper
95 100
174 82.9 0.0 165.0
176 80.3 0.0 160.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021610.D
Acq: 24 Mar 2025 11:06

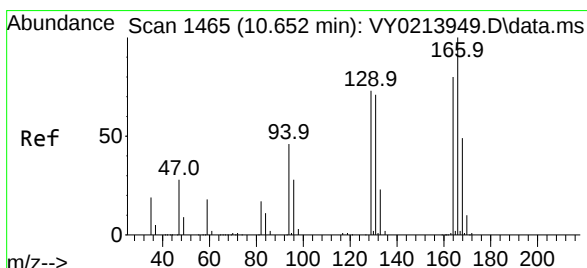
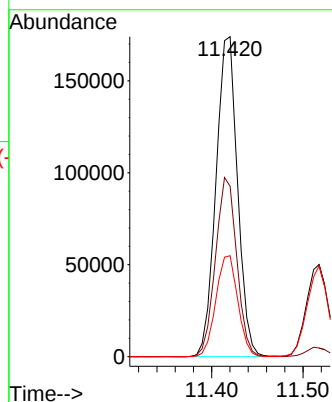
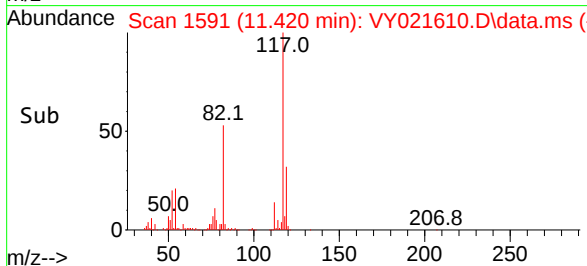
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 28518
Ion Ratio Lower Upper
117 100
82 53.3 44.6 67.0
119 31.6 25.4 38.0

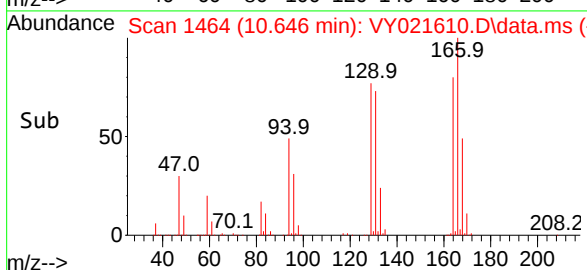
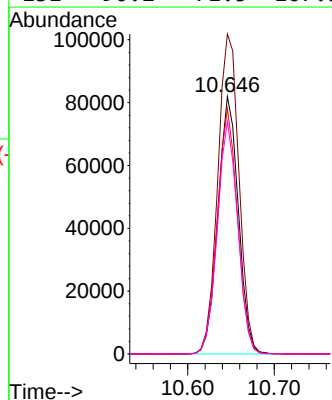
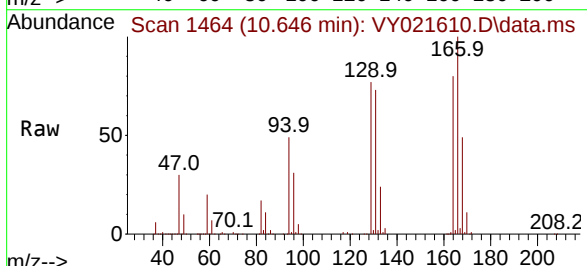
Manual Integrations
APPROVED

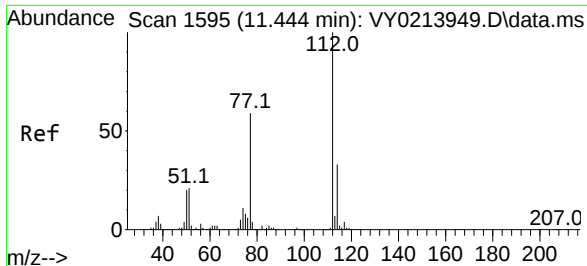
Reviewed By :Mahesh Dadoda 03/26/2025
Supervised By :Semsettin Yesilyurt 03/26/2025



#64
Tetrachloroethene
Concen: 57.933 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VY021610.D
Acq: 24 Mar 2025 11:06

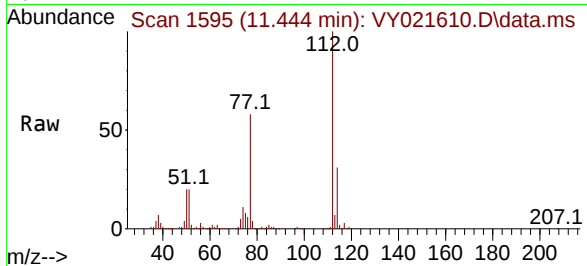
Tgt Ion:164 Resp: 134346
Ion Ratio Lower Upper
164 100
166 124.3 100.4 150.6
129 95.2 73.8 110.8
131 90.2 71.5 107.3





#65
Chlorobenzene
Concen: 51.159 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VY021610.D
Acq: 24 Mar 2025 11:06

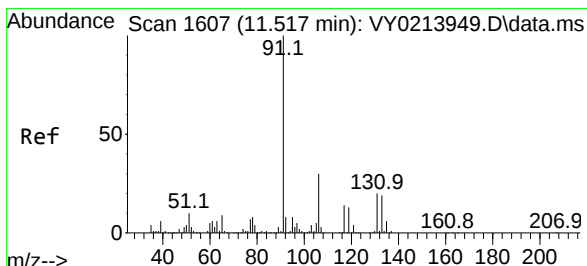
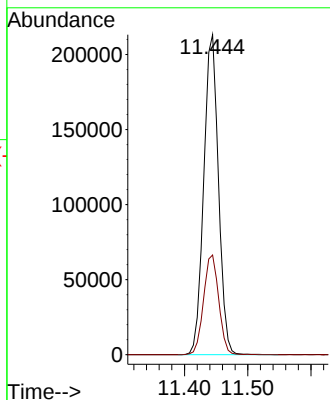
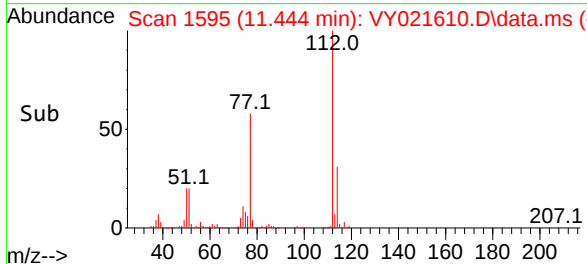
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



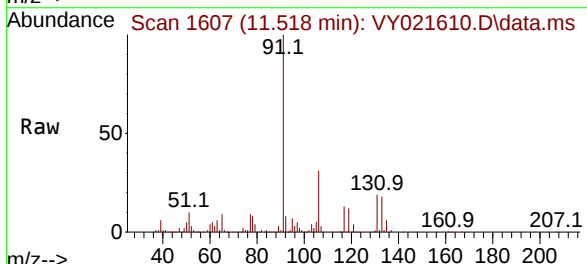
Tgt Ion:112 Resp: 344520
Ion Ratio Lower Upper
112 100
114 31.1 26.1 39.1

Manual Integrations
APPROVED

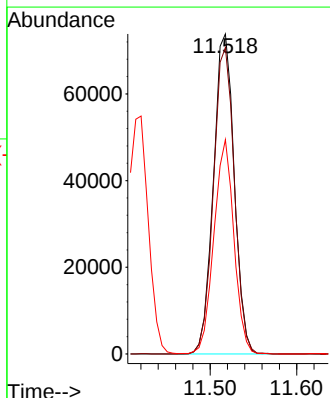
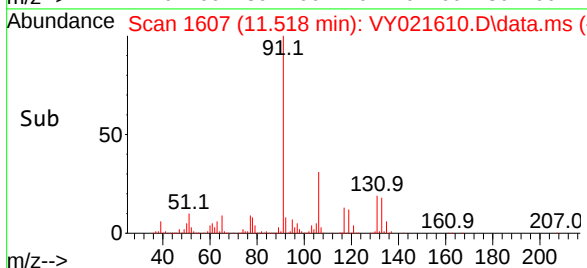
Reviewed By :Mahesh Dadoda 03/26/2025
Supervised By :Semsettin Yesilyurt 03/26/2025

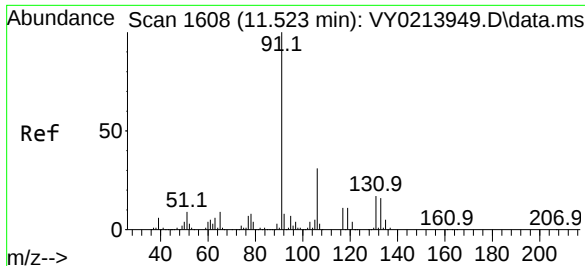


#66
1,1,1,2-Tetrachloroethane
Concen: 51.812 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021610.D
Acq: 24 Mar 2025 11:06



Tgt Ion:131 Resp: 123362
Ion Ratio Lower Upper
131 100
133 96.2 47.6 142.9
119 64.4 32.3 96.9





#67

Ethyl Benzene

Concen: 51.587 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. -0.006 min

Lab File: VY021610.D

Acq: 24 Mar 2025 11:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 609768

Ion Ratio Lower Upper

91 100

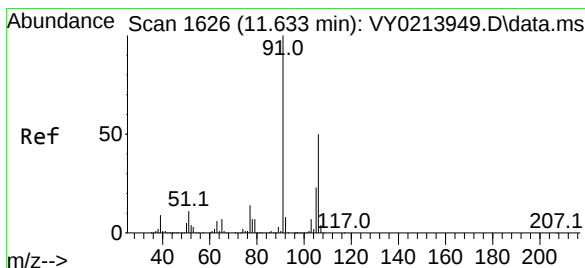
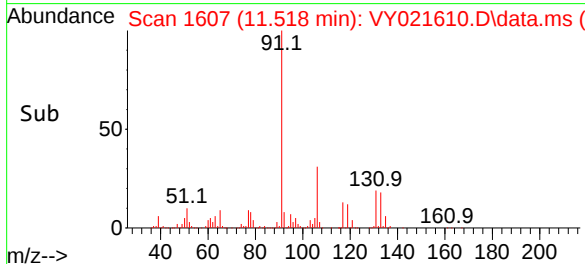
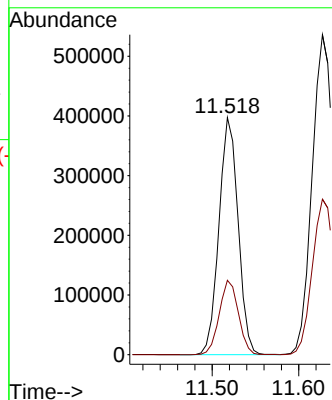
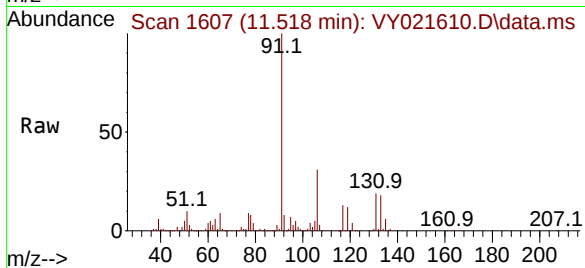
106 31.4 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/26/2025

Supervised By :Semsettin Yesilyurt 03/26/2025



#68

m/p-Xylenes

Concen: 104.354 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY021610.D

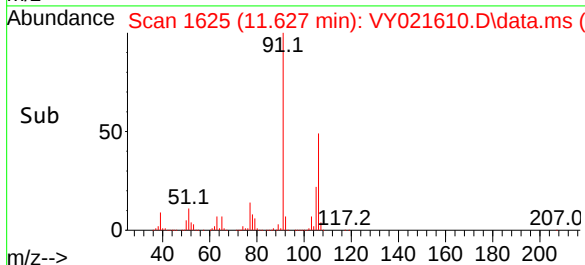
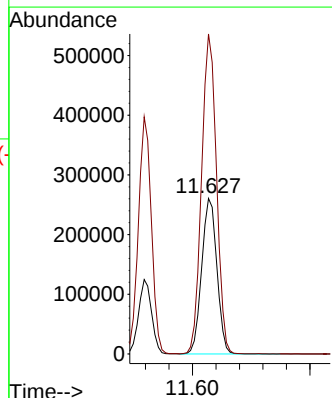
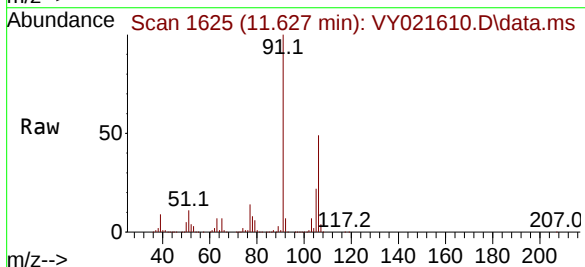
Acq: 24 Mar 2025 11:06

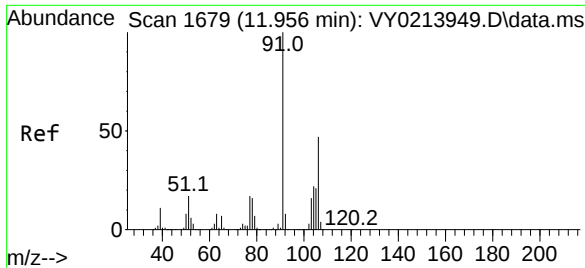
Tgt Ion:106 Resp: 468296

Ion Ratio Lower Upper

106 100

91 202.1 161.7 242.5





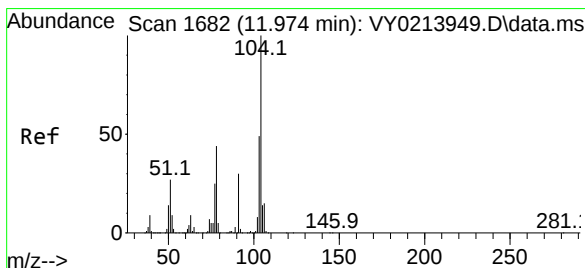
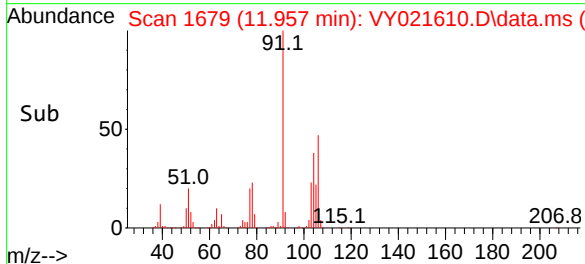
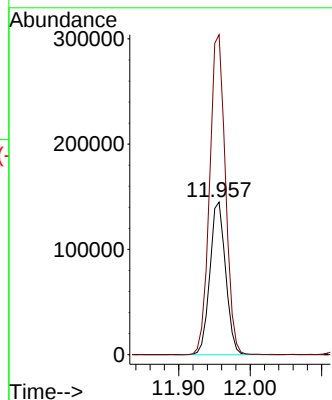
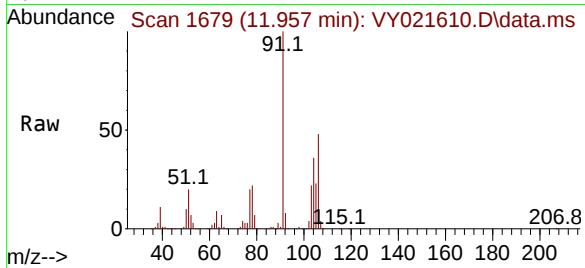
#69
o-Xylene
Concen: 53.490 ug/l
RT: 11.957 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY021610.D
Acq: 24 Mar 2025 11:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 22123
Ion Ratio Lower Upper
106 100
91 210.7 107.6 322.8

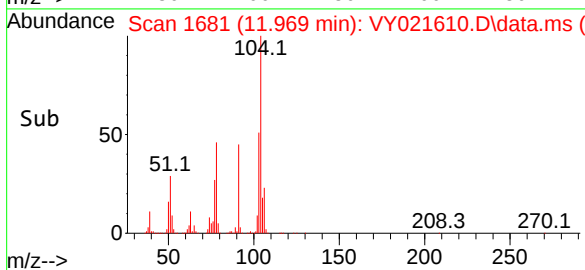
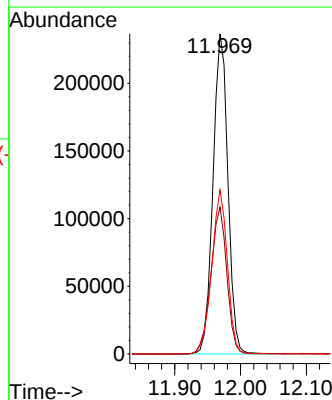
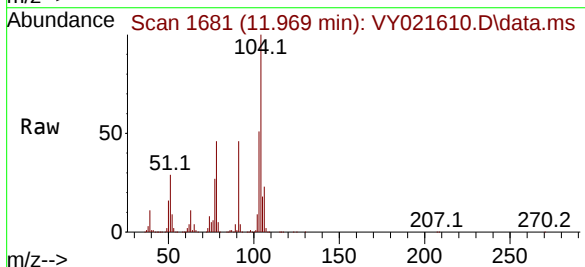
Manual Integrations
APPROVED

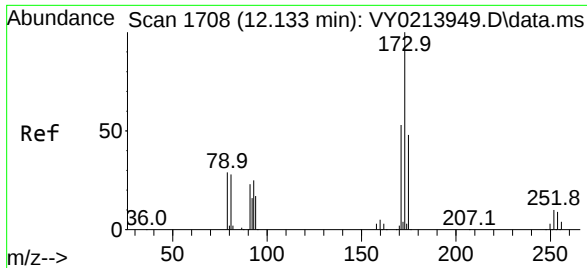
Reviewed By :Mahesh Dadoda 03/26/2025
Supervised By :Semsettin Yesilyurt 03/26/2025



#70
Styrene
Concen: 54.329 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.006 min
Lab File: VY021610.D
Acq: 24 Mar 2025 11:06

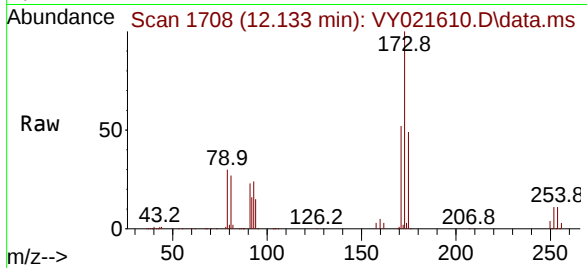
Tgt Ion:104 Resp: 372764
Ion Ratio Lower Upper
104 100
78 49.3 40.7 61.1
103 53.8 44.1 66.1





#71
Bromoform
Concen: 52.286 ug/l
RT: 12.133 min Scan# 1708
Delta R.T. 0.000 min
Lab File: VY021610.D
Acq: 24 Mar 2025 11:06

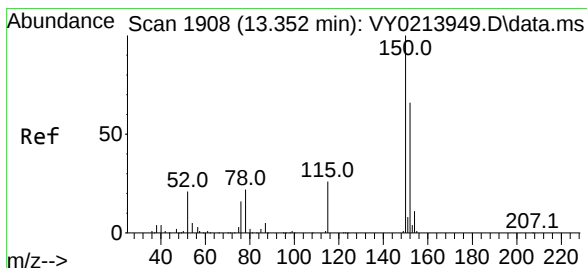
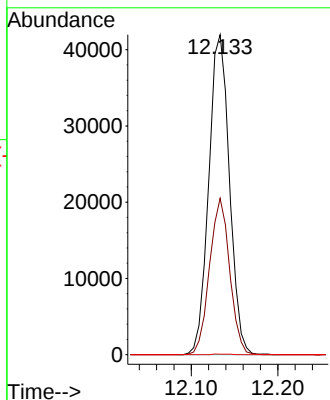
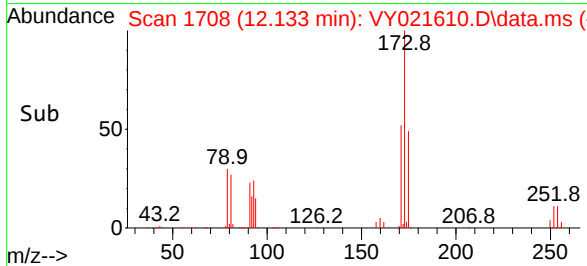
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:173 Resp: 69592
Ion Ratio Lower Upper
173 100
175 47.6 23.9 71.7
254 0.1 0.1 0.1

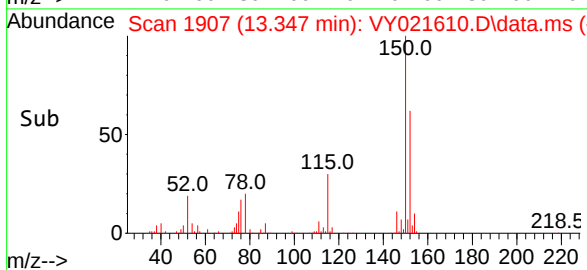
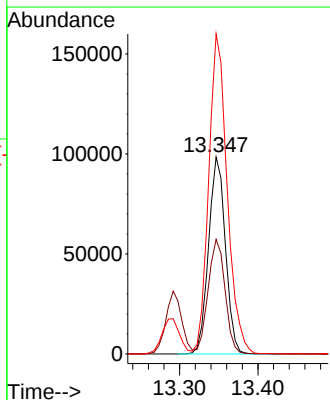
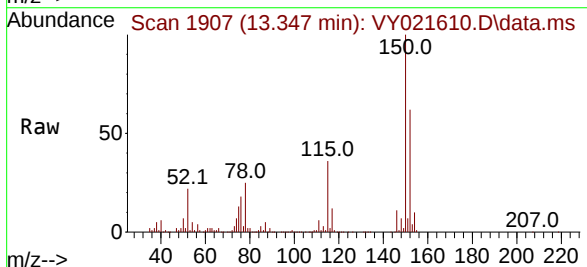
Manual Integrations
APPROVED

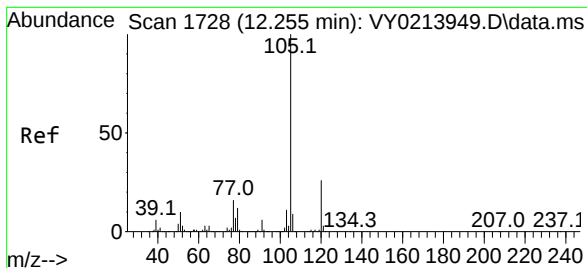
Reviewed By :Mahesh Dadoda 03/26/2025
Supervised By :Semsettin Yesilyurt 03/26/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY021610.D
Acq: 24 Mar 2025 11:06

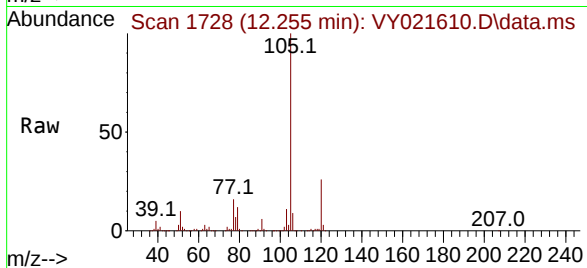
Tgt Ion:152 Resp: 147004
Ion Ratio Lower Upper
152 100
115 58.7 29.0 87.0
150 178.0 0.0 347.2





#73
Isopropylbenzene
Concen: 51.626 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VY021610.D
Acq: 24 Mar 2025 11:06

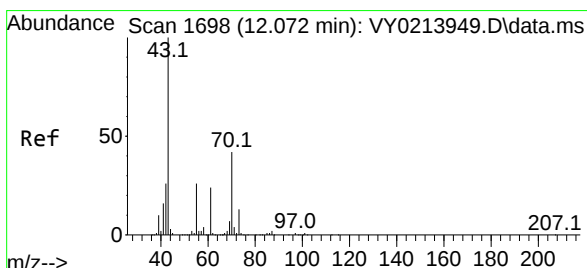
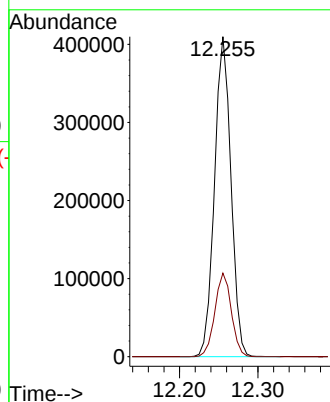
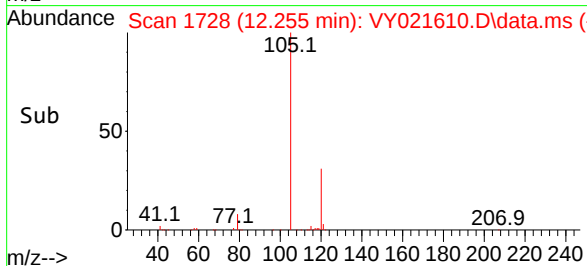
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



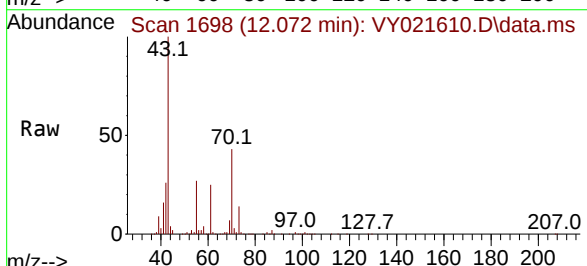
Tgt Ion: 105 Resp: 59782
Ion Ratio Lower Upper
105 100
120 26.2 13.1 39.3

Manual Integrations
APPROVED

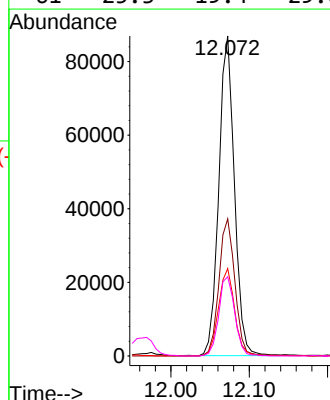
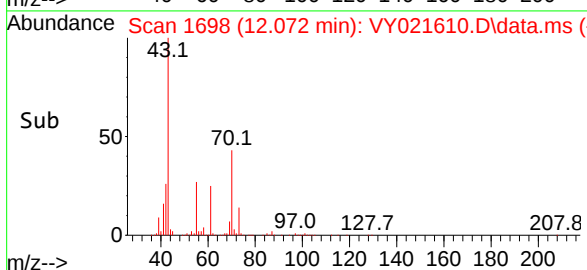
Reviewed By :Mahesh Dadoda 03/26/2025
Supervised By :Semsettin Yesilyurt 03/26/2025

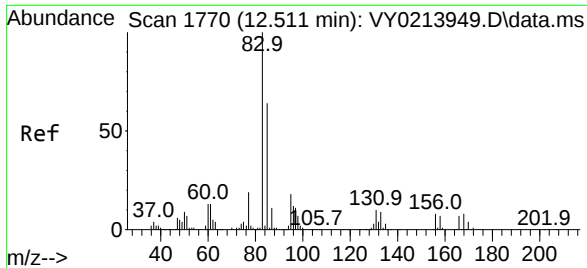


#74
N-ethyl acetate
Concen: 47.976 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY021610.D
Acq: 24 Mar 2025 11:06



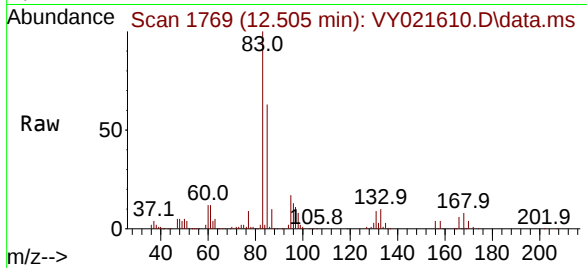
Tgt Ion: 43 Resp: 120653
Ion Ratio Lower Upper
43 100
70 43.9 34.6 51.8
55 28.3 21.1 31.7
61 25.3 19.4 29.0





#75
 1,1,2,2-Tetrachloroethane
 Concen: 46.884 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. -0.006 min
 Lab File: VY021610.D
 Acq: 24 Mar 2025 11:06

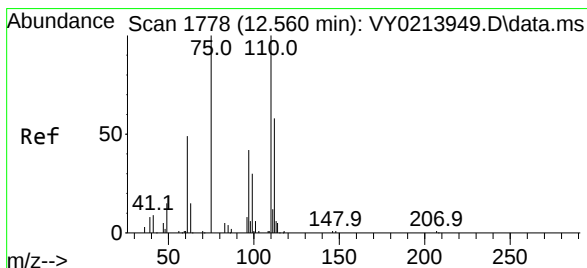
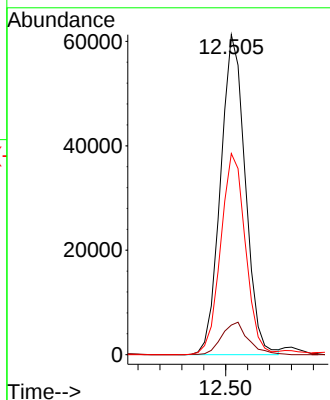
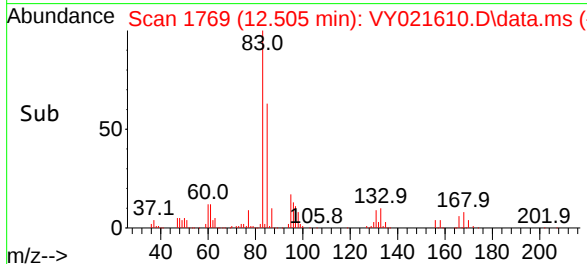
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 83 Resp: 95800
 Ion Ratio Lower Upper
 83 100
 131 10.9 5.3 16.1
 85 63.2 31.9 95.5

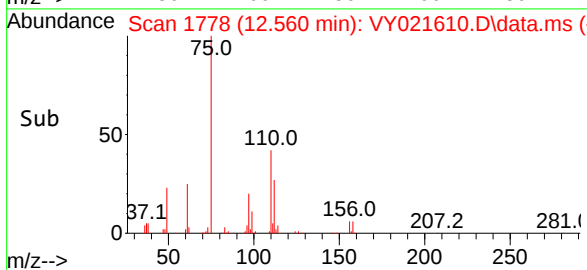
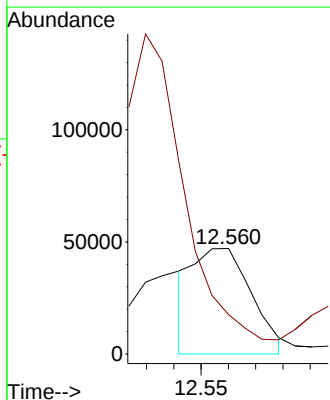
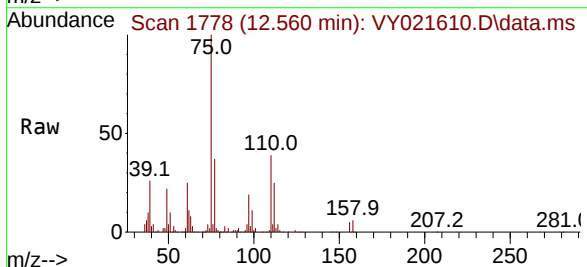
Manual Integrations
 APPROVED

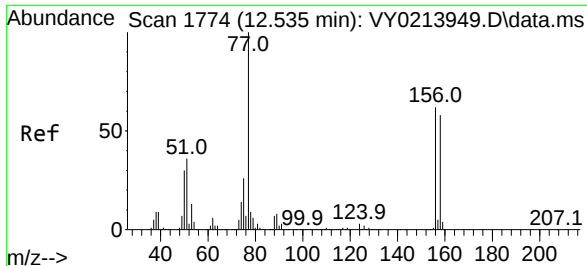
Reviewed By :Mahesh Dadoda 03/26/2025
 Supervised By :Semsettin Yesilyurt 03/26/2025



#76
 1,2,3-Trichloropropane
 Concen: 47.374 ug/l m
 RT: 12.560 min Scan# 1778
 Delta R.T. 0.000 min
 Lab File: VY021610.D
 Acq: 24 Mar 2025 11:06

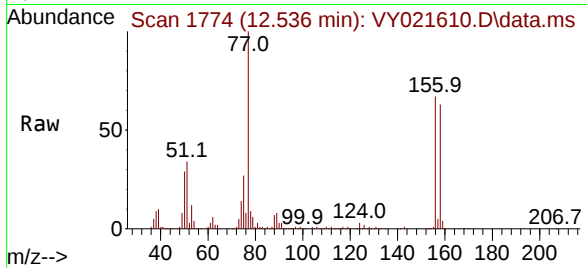
Tgt Ion: 75 Resp: 70177
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 49.931 ug/l
RT: 12.536 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VY021610.D
Acq: 24 Mar 2025 11:06

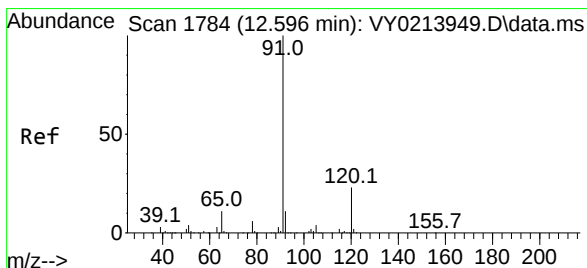
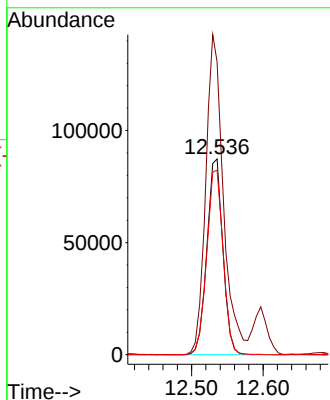
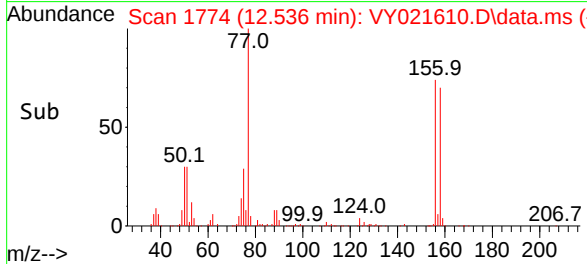
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:156 Resp: 135268
Ion Ratio Lower Upper
156 100
77 181.1 93.6 280.8
158 97.1 48.3 144.8

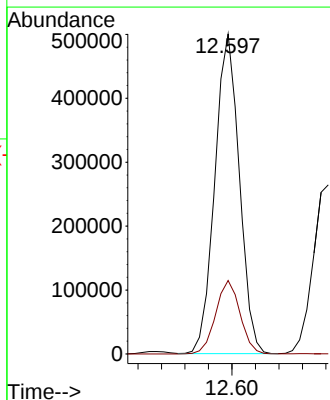
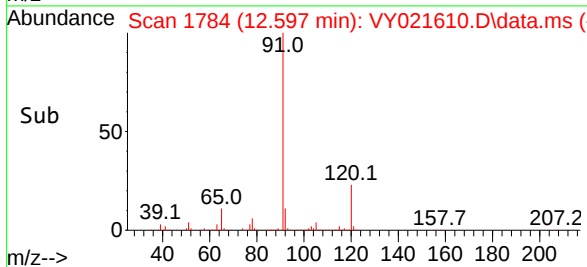
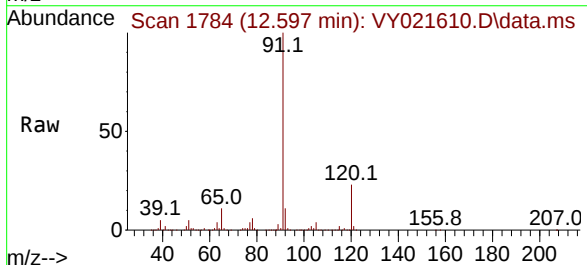
Manual Integrations
APPROVED

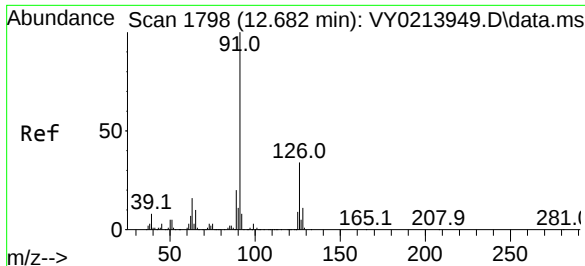
Reviewed By :Mahesh Dadoda 03/26/2025
Supervised By :Semsettin Yesilyurt 03/26/2025



#78
n-propylbenzene
Concen: 51.505 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY021610.D
Acq: 24 Mar 2025 11:06

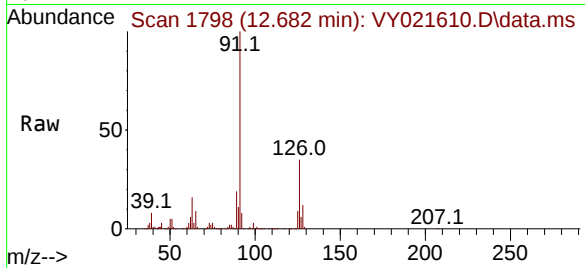
Tgt Ion: 91 Resp: 724338
Ion Ratio Lower Upper
91 100
120 22.8 11.3 33.8





#79
2-Chlorotoluene
Concen: 50.329 ug/l
RT: 12.682 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021610.D
Acq: 24 Mar 2025 11:06

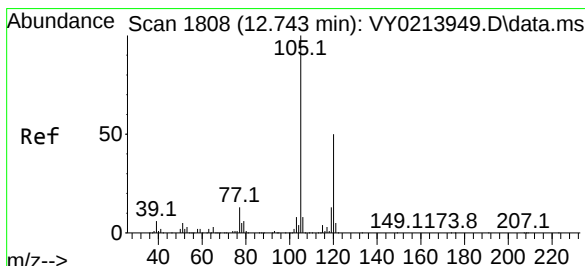
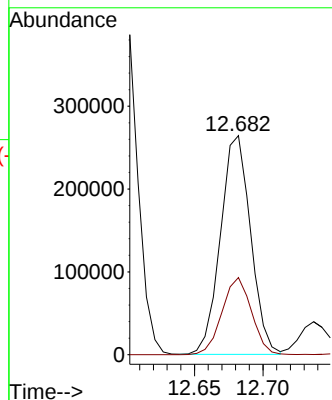
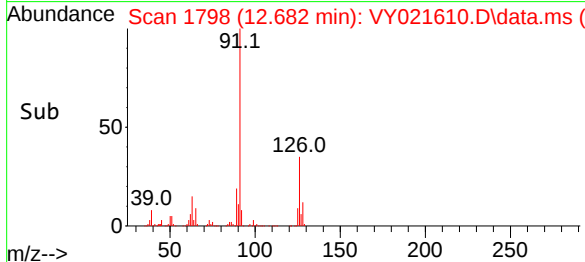
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



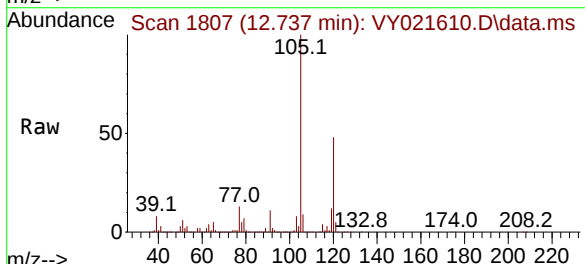
Tgt Ion: 91 Resp: 404719
Ion Ratio Lower Upper
91 100
126 34.5 17.2 51.6

Manual Integrations
APPROVED

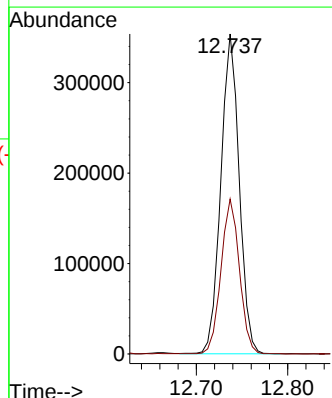
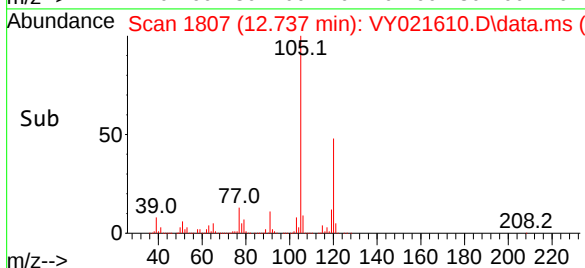
Reviewed By :Mahesh Dadoda 03/26/2025
Supervised By :Semsettin Yesilyurt 03/26/2025

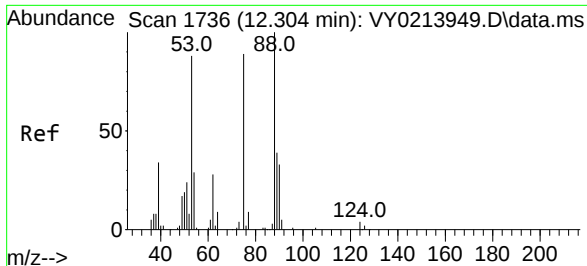


#80
1,3,5-Trimethylbenzene
Concen: 52.526 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.006 min
Lab File: VY021610.D
Acq: 24 Mar 2025 11:06



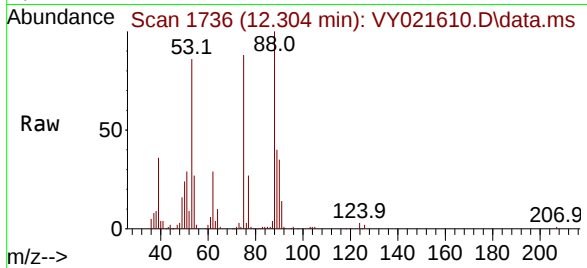
Tgt Ion:105 Resp: 494299
Ion Ratio Lower Upper
105 100
120 48.7 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 47.752 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY021610.D
Acq: 24 Mar 2025 11:06

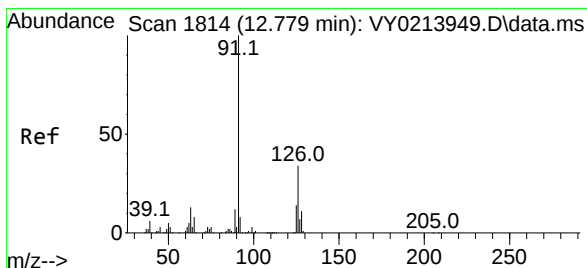
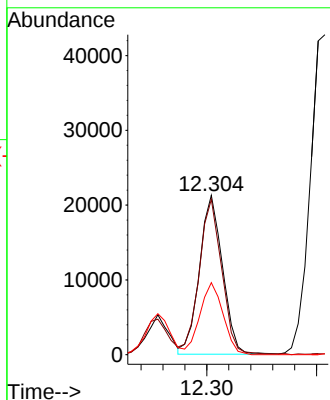
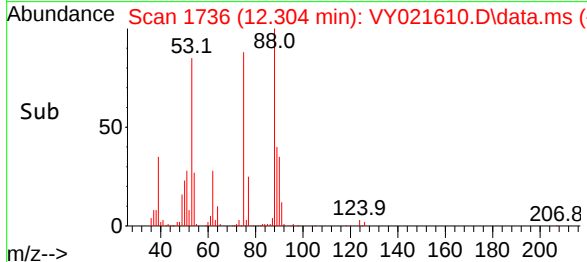
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 31110
Ion Ratio Lower Upper
75 100
53 96.4 81.0 121.4
89 45.2 36.9 55.3

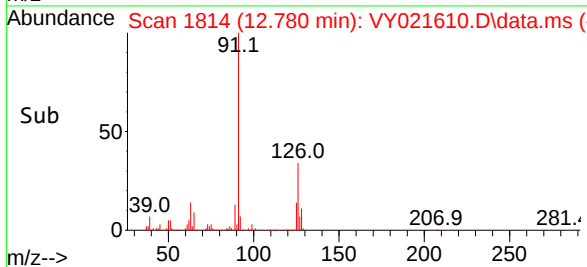
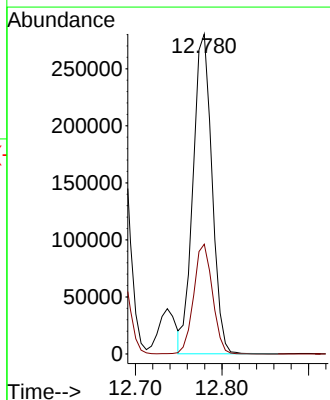
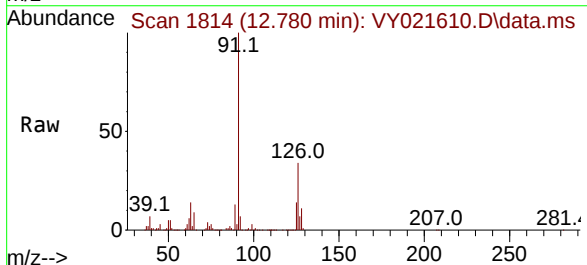
Manual Integrations
APPROVED

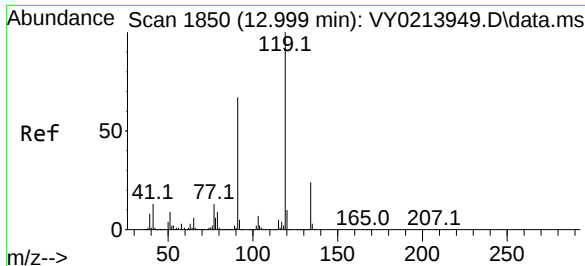
Reviewed By :Mahesh Dadoda 03/26/2025
Supervised By :Semsettin Yesilyurt 03/26/2025



#82
4-Chlorotoluene
Concen: 50.970 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021610.D
Acq: 24 Mar 2025 11:06

Tgt Ion: 91 Resp: 424429
Ion Ratio Lower Upper
91 100
126 34.1 17.0 51.0





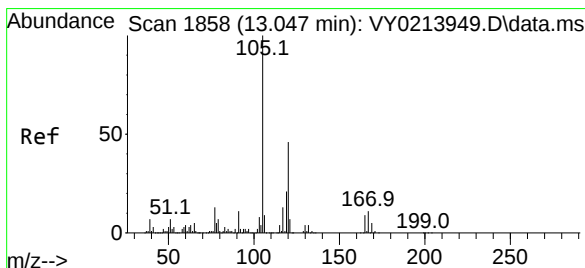
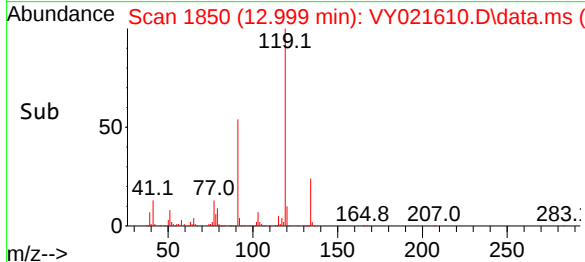
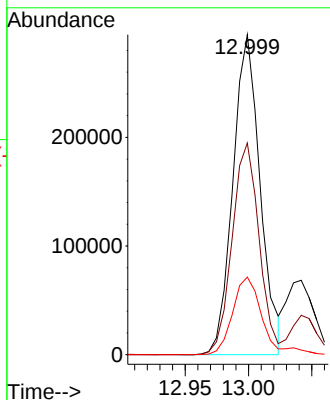
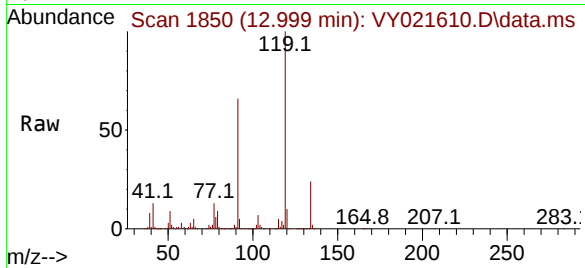
#83
tert-Butylbenzene
Concen: 52.558 ug/l
RT: 12.999 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VY021610.D
Acq: 24 Mar 2025 11:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 441224
Ion Ratio Lower Upper
119 100
91 65.4 33.2 99.6
134 26.4 13.5 40.5

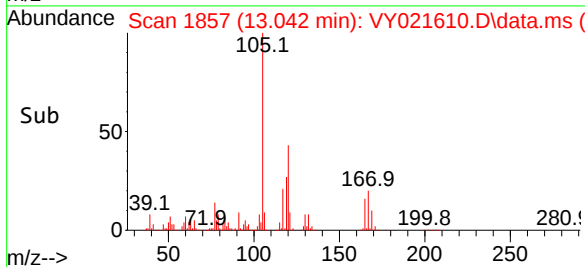
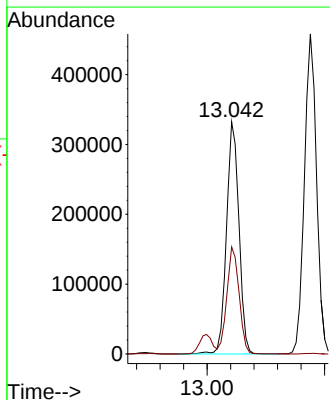
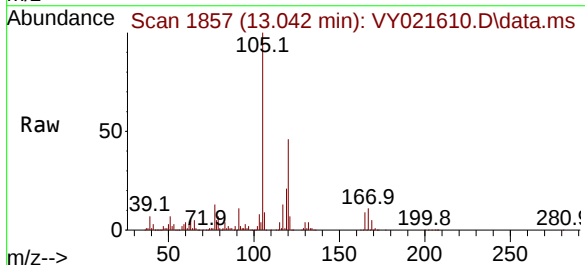
Manual Integrations
APPROVED

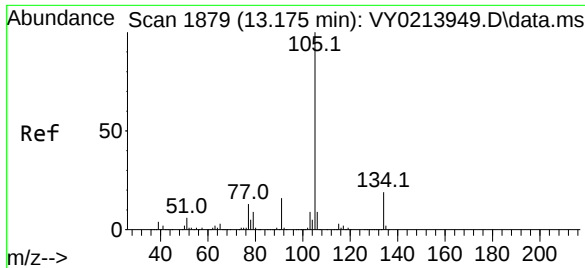
Reviewed By :Mahesh Dadoda 03/26/2025
Supervised By :Semsettin Yesilyurt 03/26/2025



#84
1,2,4-Trimethylbenzene
Concen: 52.357 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. -0.006 min
Lab File: VY021610.D
Acq: 24 Mar 2025 11:06

Tgt Ion:105 Resp: 489203
Ion Ratio Lower Upper
105 100
120 45.4 22.7 68.1





#85
 sec-Butylbenzene
 Concen: 52.520 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. 0.000 min
 Lab File: VY021610.D
 Acq: 24 Mar 2025 11:06

Instrument :

MSVOA_Y

ClientSampleId :

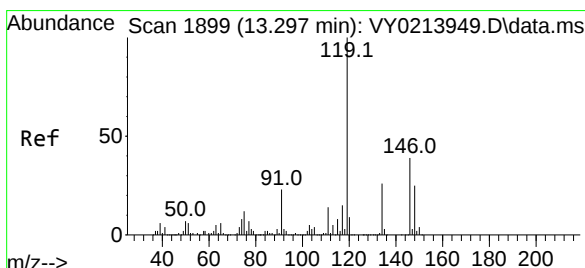
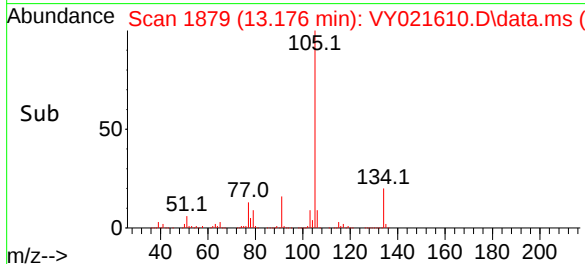
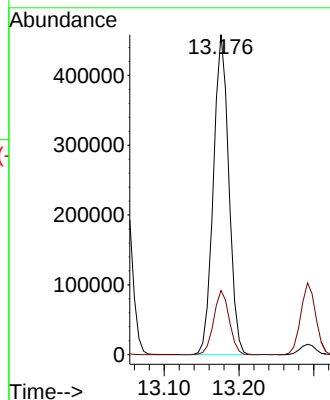
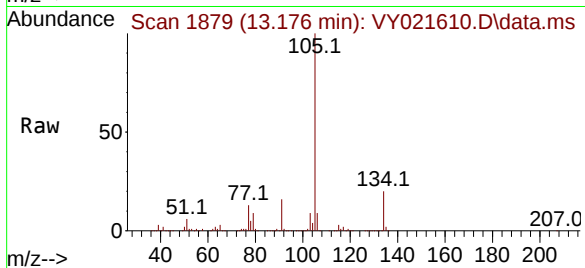
VSTDCCC050

Tgt Ion:105 Resp: 656012
 Ion Ratio Lower Upper
 105 100
 134 20.2 9.9 29.7

Manual Integrations

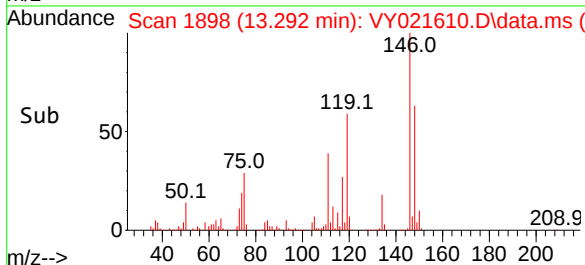
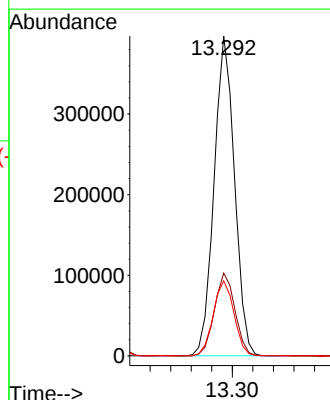
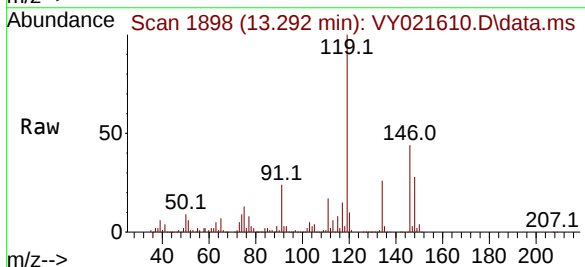
APPROVED

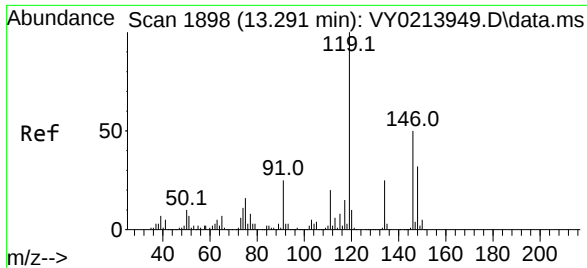
Reviewed By :Mahesh Dadoda 03/26/2025
 Supervised By :Semsettin Yesilyurt 03/26/2025



#86
 p-Isopropyltoluene
 Concen: 53.136 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. -0.006 min
 Lab File: VY021610.D
 Acq: 24 Mar 2025 11:06

Tgt Ion:119 Resp: 546789
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.1 39.1
 91 23.8 12.2 36.6





#87

1,3-Dichlorobenzene

Concen: 51.181 ug/l

RT: 13.286 min Scan# 1898

Delta R.T. -0.006 min

Lab File: VY021610.D

Acq: 24 Mar 2025 11:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

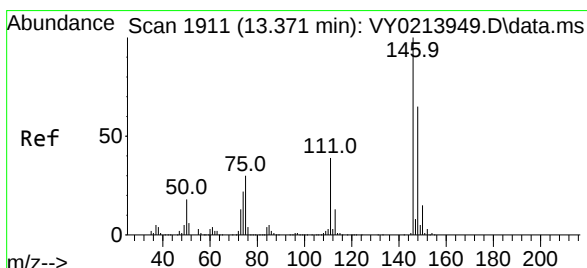
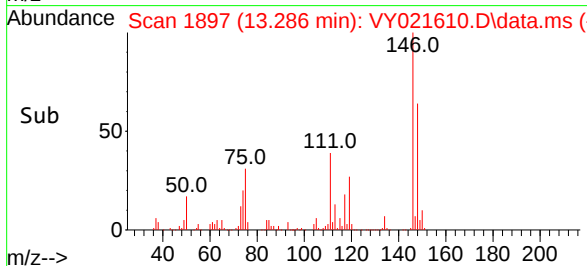
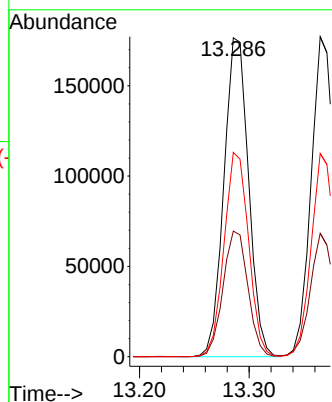
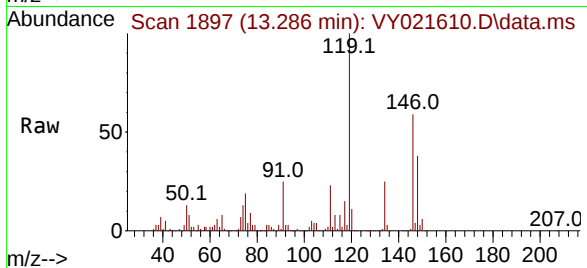
Tgt Ion:146 Resp: 275999

Ion	Ratio	Lower	Upper
146	100		
111	39.7	20.0	60.0
148	63.7	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/26/2025
Supervised By :Semsettin Yesilyurt 03/26/2025



#88

1,4-Dichlorobenzene

Concen: 51.338 ug/l

RT: 13.365 min Scan# 1910

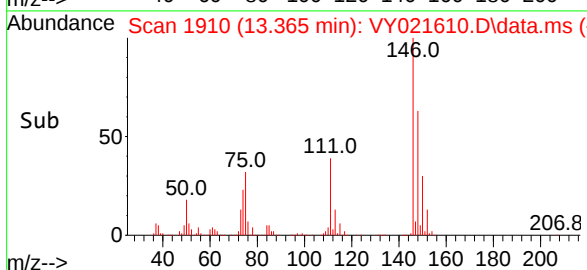
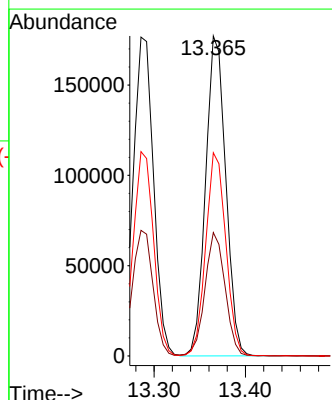
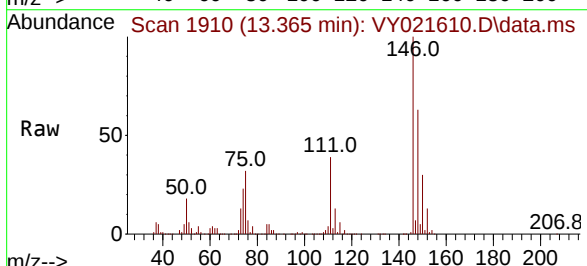
Delta R.T. -0.006 min

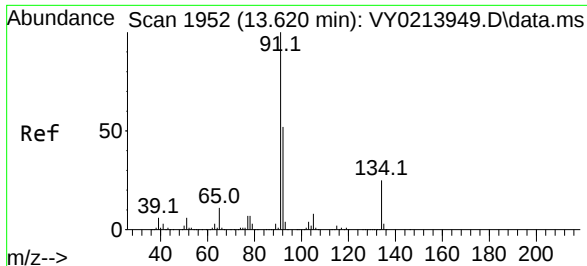
Lab File: VY021610.D

Acq: 24 Mar 2025 11:06

Tgt Ion:146 Resp: 270750

Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.6	58.8
148	63.5	32.3	96.8





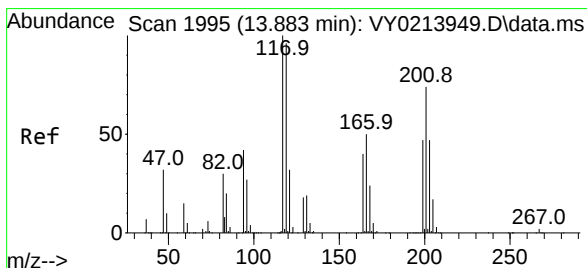
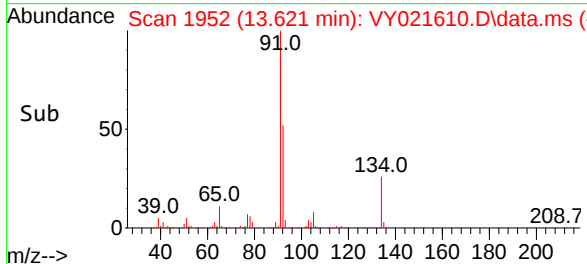
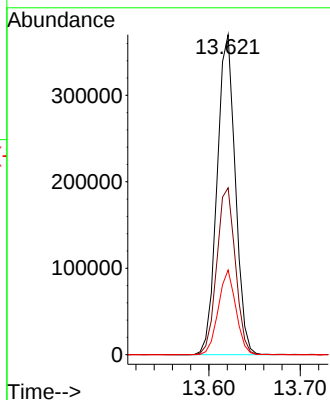
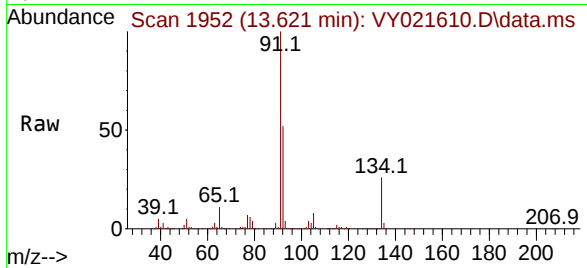
#89
n-Butylbenzene
Concen: 54.028 ug/l
RT: 13.621 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VY021610.D
Acq: 24 Mar 2025 11:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 51338
Ion Ratio Lower Upper
91 100
92 53.3 26.1 78.3
134 25.6 12.6 37.8

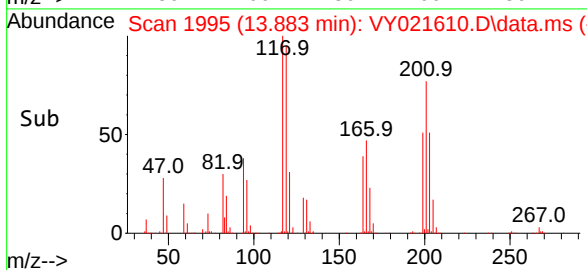
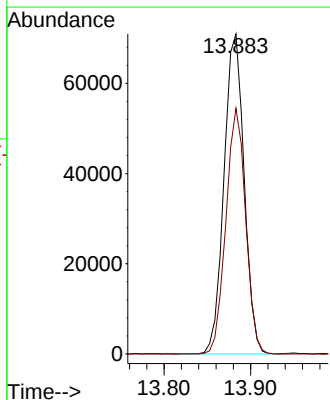
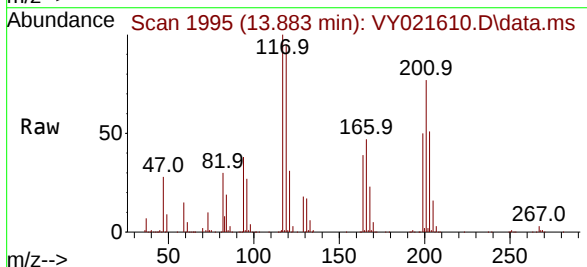
Manual Integrations
APPROVED

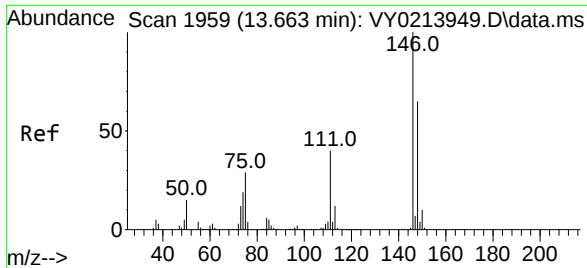
Reviewed By :Mahesh Dadoda 03/26/2025
Supervised By :Semsettin Yesilyurt 03/26/2025



#90
Hexachloroethane
Concen: 52.244 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. 0.000 min
Lab File: VY021610.D
Acq: 24 Mar 2025 11:06

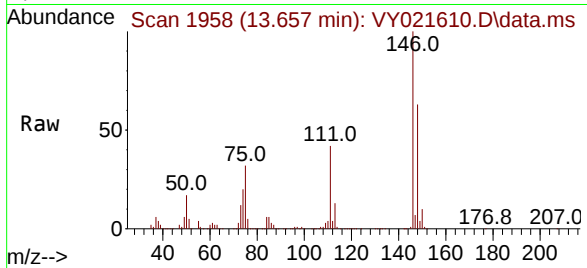
Tgt Ion:117 Resp: 114690
Ion Ratio Lower Upper
117 100
201 75.0 37.4 112.2





#91
1,2-Dichlorobenzene
Concen: 52.182 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. -0.006 min
Lab File: VY021610.D
Acq: 24 Mar 2025 11:06

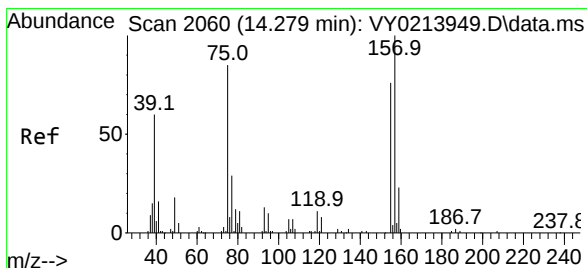
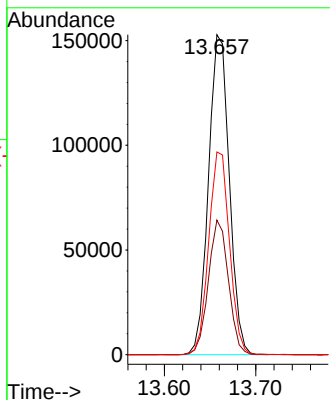
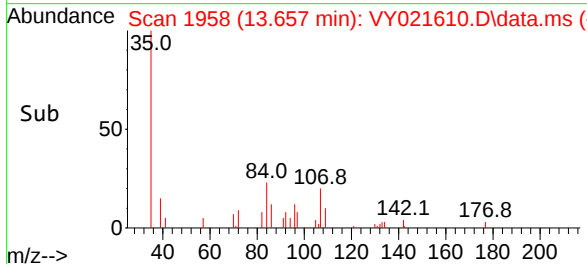
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 24118
Ion Ratio Lower Upper
146 100
111 40.6 20.7 62.1
148 63.4 32.1 96.5

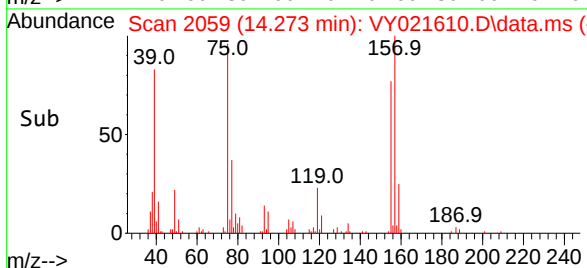
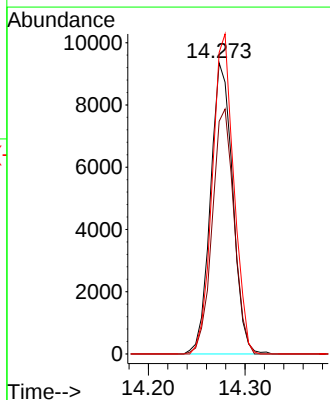
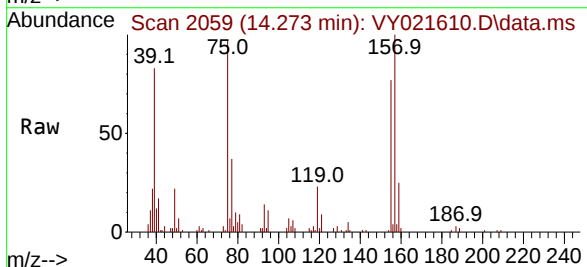
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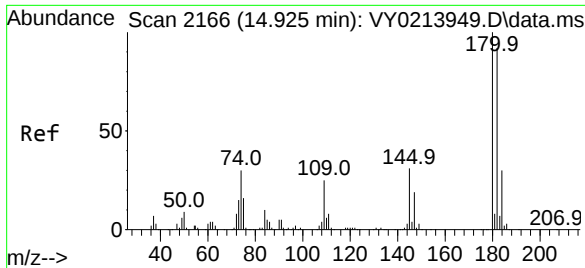
Reviewed By :Mahesh Dadoda 03/26/2025
Supervised By :Semsettin Yesilyurt 03/26/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.657 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.006 min
Lab File: VY021610.D
Acq: 24 Mar 2025 11:06

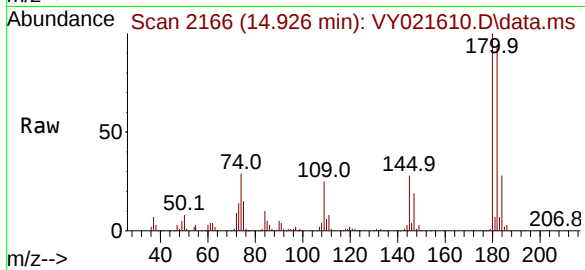
Tgt Ion: 75 Resp: 14894
Ion Ratio Lower Upper
75 100
155 82.6 43.5 130.5
157 106.4 54.4 163.2





#93
 1,2,4-Trichlorobenzene
 Concen: 56.021 ug/l
 RT: 14.926 min Scan# 2166
 Delta R.T. 0.000 min
 Lab File: VY021610.D
 Acq: 24 Mar 2025 11:06

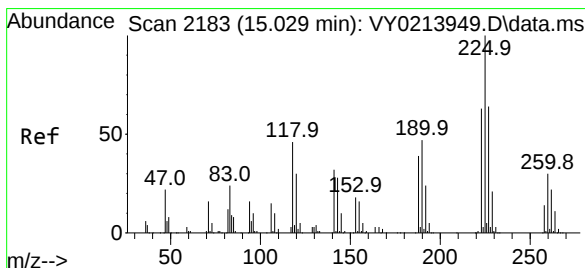
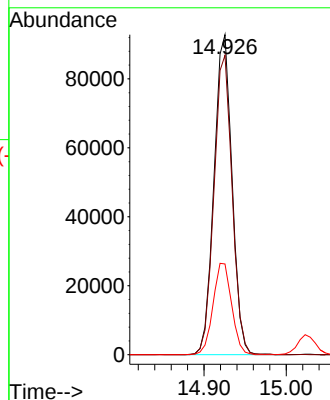
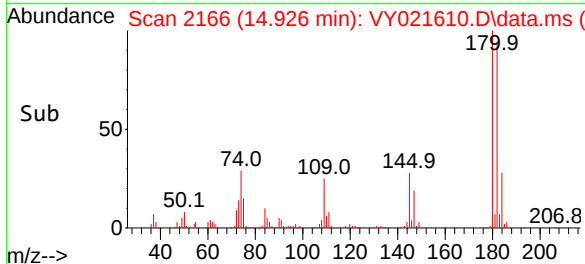
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



Tgt Ion:180 Resp: 141425
 Ion Ratio Lower Upper
 180 100
 182 94.4 46.7 140.0
 145 29.5 15.6 46.8

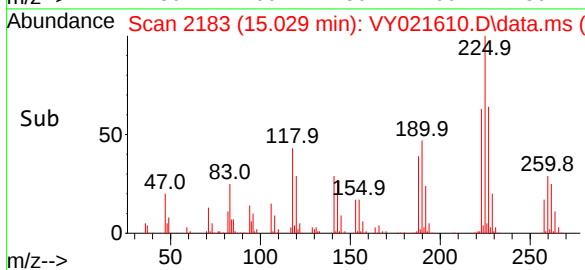
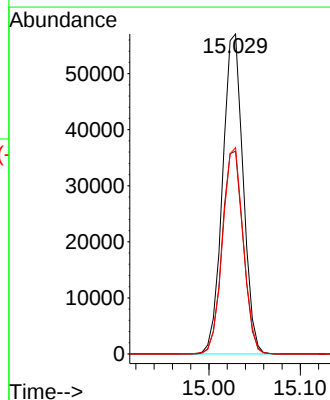
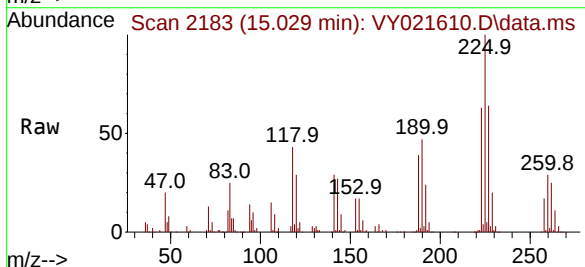
Manual Integrations
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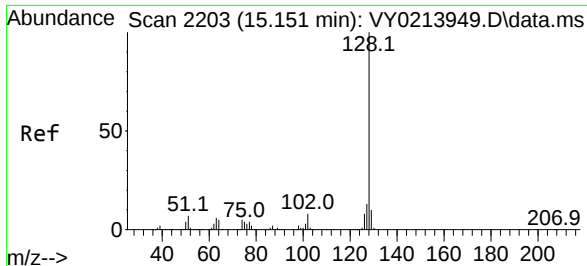
Reviewed By :Mahesh Dadoda 03/26/2025
 Supervised By :Semsettin Yesilyurt 03/26/2025



#94
 Hexachlorobutadiene
 Concen: 56.296 ug/l
 RT: 15.029 min Scan# 2183
 Delta R.T. 0.000 min
 Lab File: VY021610.D
 Acq: 24 Mar 2025 11:06

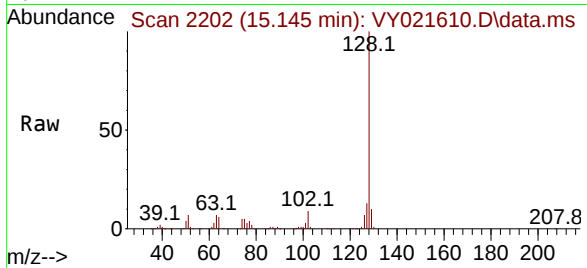
Tgt Ion:225 Resp: 89087
 Ion Ratio Lower Upper
 225 100
 223 64.8 31.4 94.2
 227 65.1 31.8 95.4





#95
Naphthalene
Concen: 51.993 ug/l
RT: 15.145 min Scan# 2203
Delta R.T. -0.006 min
Lab File: VY021610.D
Acq: 24 Mar 2025 11:06

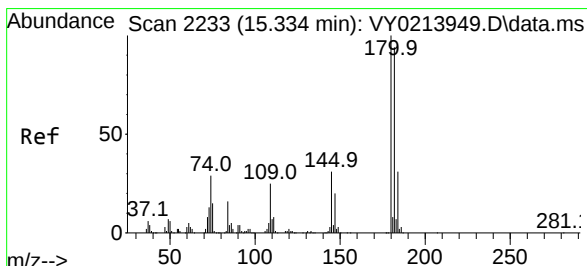
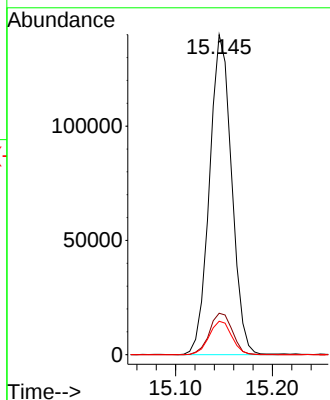
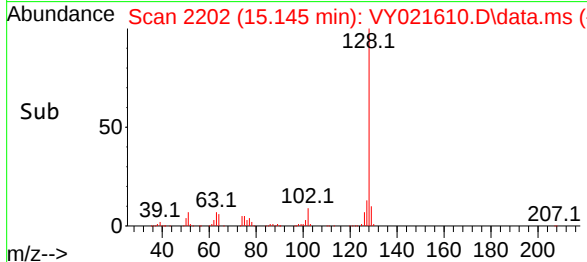
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 22296
Ion Ratio Lower Upper
128 100
127 13.4 10.6 15.8
129 10.7 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 03/26/2025
Supervised By :Semsettin Yesilyurt 03/26/2025



#96
1,2,3-Trichlorobenzene
Concen: 55.832 ug/l
RT: 15.334 min Scan# 2233
Delta R.T. 0.000 min
Lab File: VY021610.D
Acq: 24 Mar 2025 11:06

Tgt Ion:180 Resp: 118545
Ion Ratio Lower Upper
180 100
182 94.3 47.2 141.6
145 31.8 16.4 49.1

