

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041025\
 Data File : VY021826.D
 Acq On : 10 Apr 2025 09:51
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 04/11/2025
 Supervised By :Semsettin Yesilyurt 04/11/2025

Quant Time: Apr 11 01:48:41 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	208417	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	315600	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	284701	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	147243	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	111113	49.206	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.420%		
35) Dibromofluoromethane	7.640	113	112354	54.881	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	109.760%		
50) Toluene-d8	10.109	98	436882	56.094	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	112.180%		
62) 4-Bromofluorobenzene	12.408	95	145955	55.404	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	110.800%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	98532	45.613	ug/l	99
3) Chloromethane	2.074	50	150388	49.510	ug/l	97
4) Vinyl Chloride	2.208	62	161932	47.139	ug/l	100
5) Bromomethane	2.605	94	106209	45.332	ug/l	100
6) Chloroethane	2.739	64	107256	47.715	ug/l	99
7) Trichlorofluoromethane	3.062	101	207328	47.115	ug/l	96
8) Diethyl Ether	3.464	74	54477	45.523	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.824	101	114300	49.248	ug/l	99
10) Methyl Iodide	4.013	142	154749	60.777	ug/l	99
11) Tert butyl alcohol	4.885	59	26187	178.541	ug/l	100
12) 1,1-Dichloroethene	3.799	96	108689	49.718	ug/l	97
13) Acrolein	3.659	56	17198	64.216	ug/l	98
14) Allyl chloride	4.391	41	173906	49.894	ug/l	99
15) Acrylonitrile	5.068	53	112828	225.807	ug/l	98
16) Acetone	3.873	43	109229	236.349	ug/l	94
17) Carbon Disulfide	4.110	76	342301	47.539	ug/l	98
18) Methyl Acetate	4.391	43	62162	54.271	ug/l	98
19) Methyl tert-butyl Ether	5.122	73	255447	46.934	ug/l	99
20) Methylene Chloride	4.622	84	120325	53.476	ug/l	97
21) trans-1,2-Dichloroethene	5.122	96	122021	50.695	ug/l	98
22) Diisopropyl ether	6.025	45	377364	51.611	ug/l	97
23) Vinyl Acetate	5.964	43	977082	228.429	ug/l	99
24) 1,1-Dichloroethane	5.927	63	223759	51.179	ug/l	98
25) 2-Butanone	6.903	43	145621	220.606	ug/l	99
26) 2,2-Dichloropropane	6.890	77	200181	51.473	ug/l	99
27) cis-1,2-Dichloroethene	6.896	96	139904	51.686	ug/l	99
28) Bromochloromethane	7.250	49	93389	50.649	ug/l	97
29) Tetrahydrofuran	7.268	42	90343	212.656	ug/l	99
30) Chloroform	7.427	83	232484	51.125	ug/l	97
31) Cyclohexane	7.707	56	184475	46.287	ug/l	97
32) 1,1,1-Trichloroethane	7.622	97	208666	50.770	ug/l	100
36) 1,1-Dichloropropene	7.841	75	164638	52.798	ug/l	99
37) Ethyl Acetate	6.988	43	62896	42.738	ug/l	98
38) Carbon Tetrachloride	7.823	117	188128	52.675	ug/l	98
39) Methylcyclohexane	9.116	83	194212	52.136	ug/l	98
40) Benzene	8.085	78	501413	53.693	ug/l	99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	33929	43.413	ug/l #	100
42) 1,2-Dichloroethane	8.165	62	133088	50.553	ug/l	99
43) Isopropyl Acetate	8.201	43	124046	44.479	ug/l	100
44) Trichloroethene	8.872	130	128316	53.929	ug/l	96
45) 1,2-Dichloropropane	9.146	63	119126	53.892	ug/l	99
46) Dibromomethane	9.231	93	64243	50.428	ug/l	97
47) Bromodichloromethane	9.427	83	173801	52.651	ug/l	98
48) Methyl methacrylate	9.225	41	59911	46.806	ug/l	99
49) 1,4-Dioxane	9.238	88	12222	895.567	ug/l	99
51) 4-Methyl-2-Pentanone	10.000	43	333294	229.648	ug/l	99
52) Toluene	10.176	92	322657	55.379	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	148534	50.659	ug/l	100
54) cis-1,3-Dichloropropene	9.859	75	177943	51.443	ug/l	99
55) 1,1,2-Trichloroethane	10.573	97	83588	50.986	ug/l	99
56) Ethyl methacrylate	10.445	69	105379	50.340	ug/l	99
57) 1,3-Dichloropropane	10.719	76	144923	51.185	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	262347	256.900	ug/l	99
59) 2-Hexanone	10.762	43	228630	236.540	ug/l	99
60) Dibromochloromethane	10.914	129	116641	52.111	ug/l	98
61) 1,2-Dibromoethane	11.018	107	77155	50.169	ug/l	99
64) Tetrachloroethene	10.652	164	137294	52.948	ug/l	97
65) Chlorobenzene	11.444	112	346329	53.067	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	123394	53.290	ug/l	98
67) Ethyl Benzene	11.524	91	616627	55.100	ug/l	99
68) m/p-Xylenes	11.633	106	481618	112.386	ug/l	99
69) o-Xylene	11.957	106	221057	55.882	ug/l	100
70) Styrene	11.975	104	371659	56.350	ug/l	100
71) Bromoform	12.133	173	64686	48.974	ug/l #	100
73) Isopropylbenzene	12.261	105	586895	53.665	ug/l	99
74) N-amyl acetate	12.072	43	114664	44.675	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.511	83	89104	45.317	ug/l	100
76) 1,2,3-Trichloropropane	12.560	75	62332m	42.706	ug/l	
77) Bromobenzene	12.536	156	136533	51.997	ug/l	97
78) n-propylbenzene	12.597	91	721133	54.847	ug/l	99
79) 2-Chlorotoluene	12.682	91	408141	53.445	ug/l	100
80) 1,3,5-Trimethylbenzene	12.743	105	485142	54.278	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	26773	42.266	ug/l	99
82) 4-Chlorotoluene	12.780	91	422172	53.027	ug/l	99
83) tert-Butylbenzene	12.999	119	435251	54.672	ug/l	99
84) 1,2,4-Trimethylbenzene	13.048	105	488158	55.258	ug/l	99
85) sec-Butylbenzene	13.182	105	630341	54.179	ug/l	99
86) p-Isopropyltoluene	13.298	119	532622	55.390	ug/l	100
87) 1,3-Dichlorobenzene	13.292	146	275041	53.165	ug/l	100
88) 1,4-Dichlorobenzene	13.371	146	266758	52.190	ug/l	99
89) n-Butylbenzene	13.621	91	489471	55.040	ug/l	100
90) Hexachloroethane	13.883	117	107148	50.848	ug/l	96
91) 1,2-Dichlorobenzene	13.664	146	236343	52.481	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.279	75	13445	44.118	ug/l	99
93) 1,2,4-Trichlorobenzene	14.926	180	134414	55.039	ug/l	100
94) Hexachlorobutadiene	15.029	225	82343	53.987	ug/l	98
95) Naphthalene	15.151	128	213787	52.813	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	114353	54.910	ug/l	100

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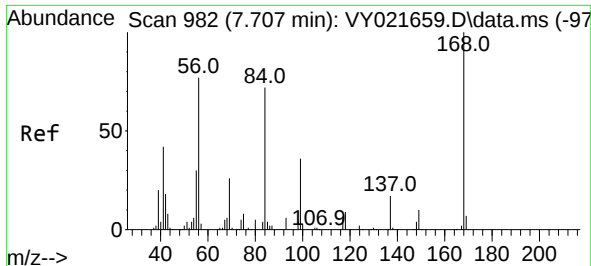
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 04/11/2025
Supervised By :Semsettin Yesilyurt 04/11/2025

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
Quant Title : SW846 8260
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Response via : Initial Calibration

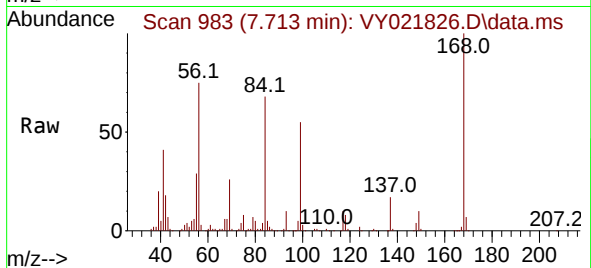
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021826.D
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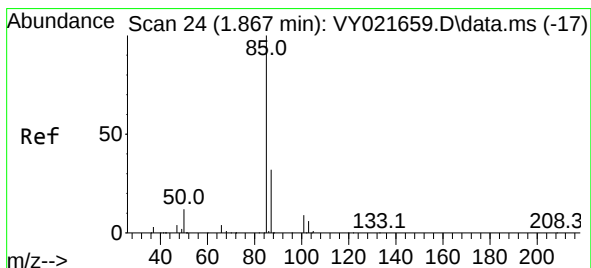
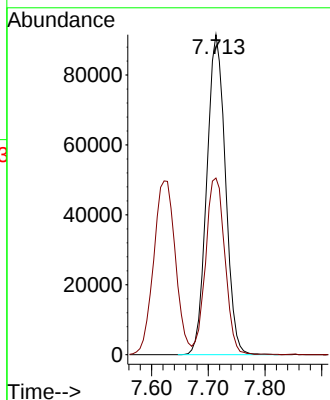
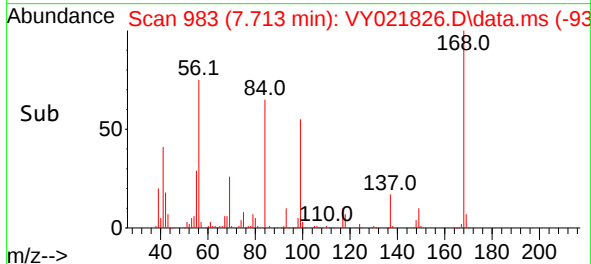
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 20841
Ion Ratio Lower Upper
168 100
99 55.1 46.7 70.1

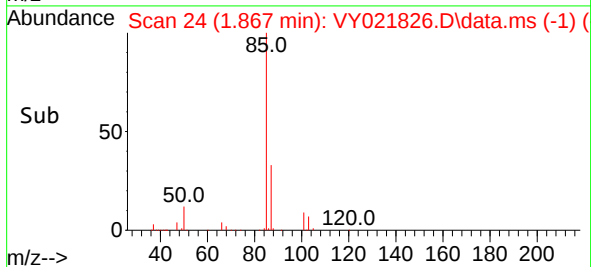
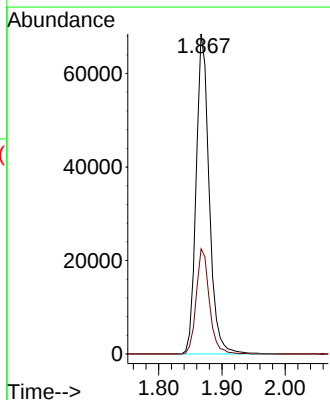
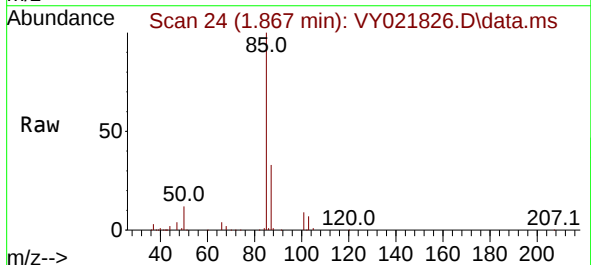
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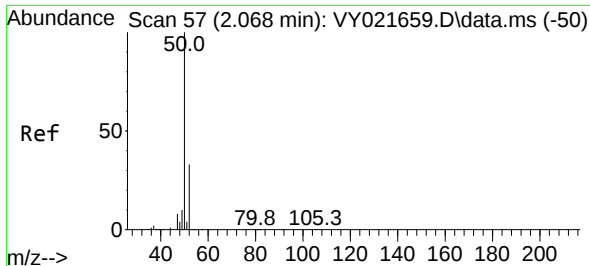
Reviewed By :Mahesh Dadoda 04/11/2025
Supervised By :Semsettin Yesilyurt 04/11/2025



#2
Dichlorodifluoromethane
Concen: 45.613 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY021826.D
Acq: 10 Apr 2025 09:51

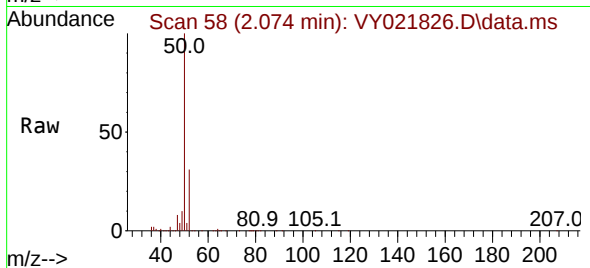
Tgt Ion: 85 Resp: 98532
Ion Ratio Lower Upper
85 100
87 32.9 16.2 48.6





#3
Chloromethane
Concen: 49.510 ug/l
RT: 2.074 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY021826.D
Acq: 10 Apr 2025 09:51

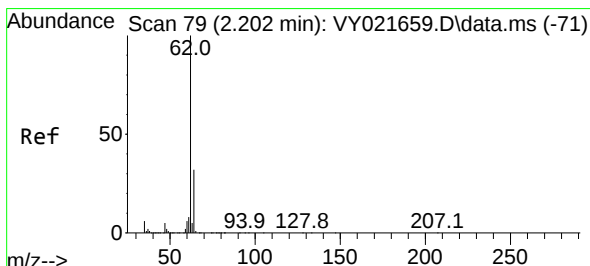
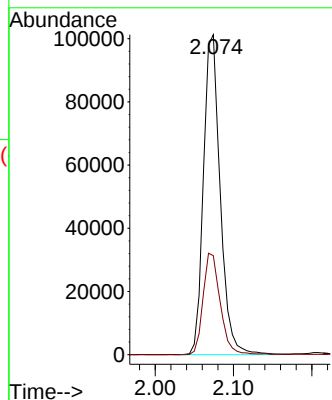
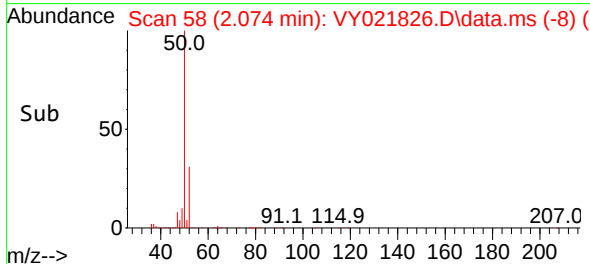
Instrument :
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ClientSampleId :
VSTDCCC050



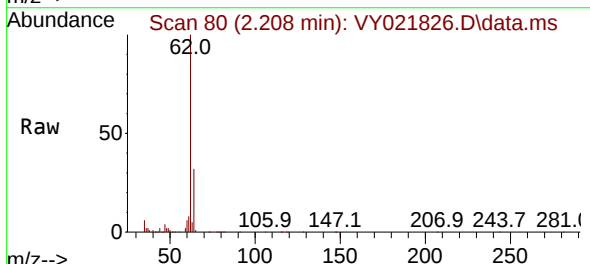
Tgt Ion: 50 Resp: 15038
Ion Ratio Lower Upper
50 100
52 31.0 26.3 39.5

Manual Integrations
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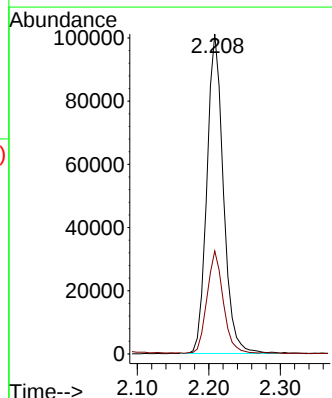
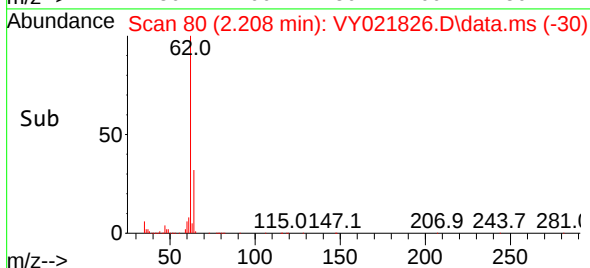
Reviewed By :Mahesh Dadoda 04/11/2025
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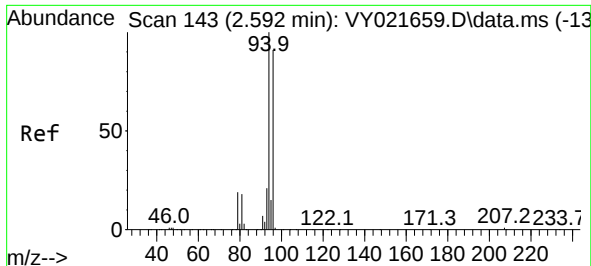


#4
Vinyl Chloride
Concen: 47.139 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY021826.D
Acq: 10 Apr 2025 09:51



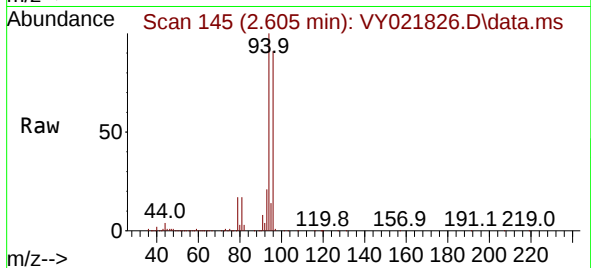
Tgt Ion: 62 Resp: 161932
Ion Ratio Lower Upper
62 100
64 32.0 25.5 38.3





#5
Bromomethane
Concen: 45.332 ug/l
RT: 2.605 min Scan# 143
Delta R.T. 0.012 min
Lab File: VY021826.D
Acq: 10 Apr 2025 09:51

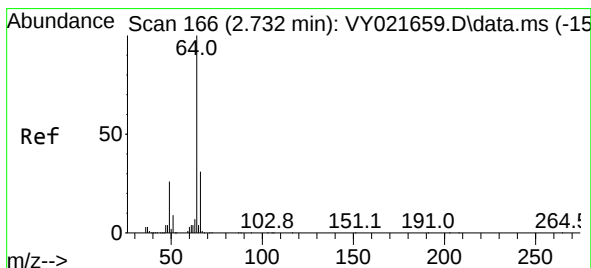
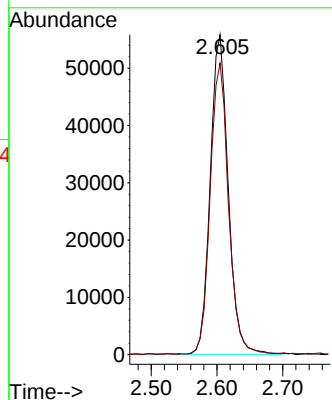
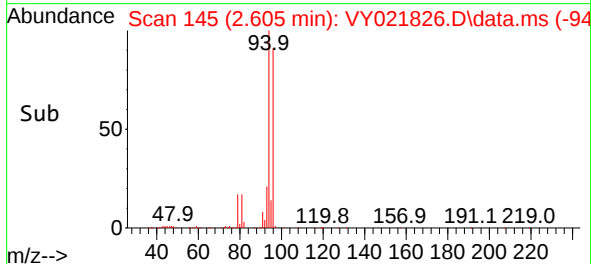
Instrument :
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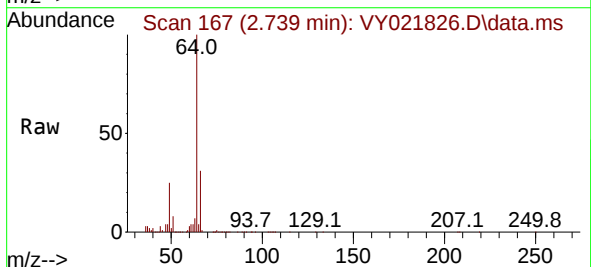
Tgt Ion: 94 Resp: 106209
Ion Ratio Lower Upper
94 100
96 90.8 72.8 109.2

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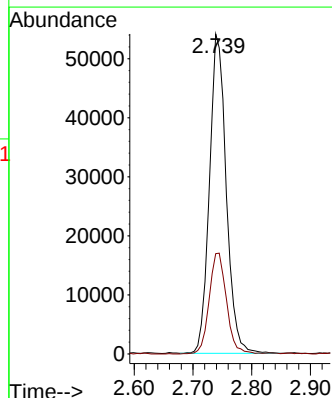
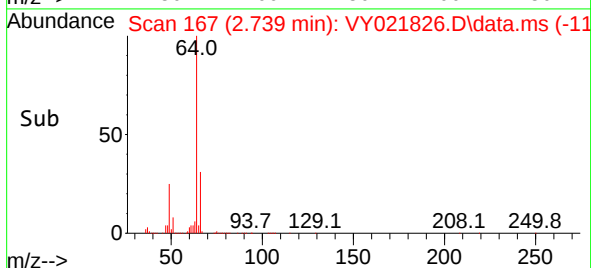
Reviewed By :Mahesh Dadoda 04/11/2025
Supervised By :Semsettin Yesilyurt 04/11/2025



#6
Chloroethane
Concen: 47.715 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.006 min
Lab File: VY021826.D
Acq: 10 Apr 2025 09:51



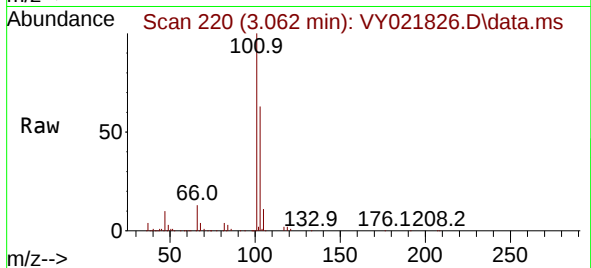
Tgt Ion: 64 Resp: 107256
Ion Ratio Lower Upper
64 100
66 31.4 24.9 37.3





#7
Trichlorofluoromethane
Concen: 47.115 ug/l
RT: 3.062 min Scan# 219
Delta R.T. 0.006 min
Lab File: VY021826.D
Acq: 10 Apr 2025 09:51

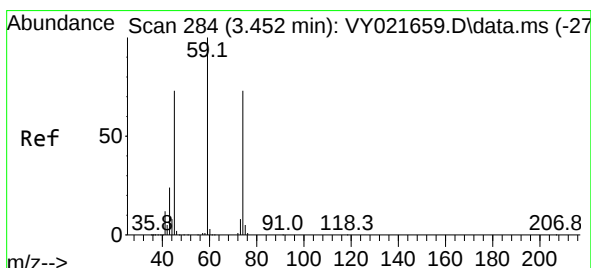
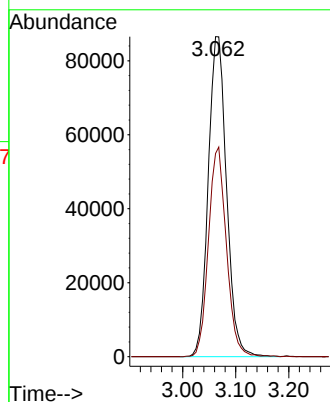
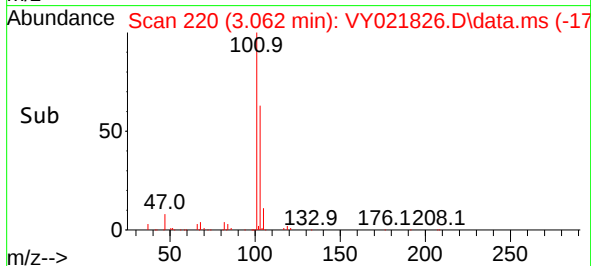
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 207328
Ion Ratio Lower Upper
101 100
103 63.5 53.1 79.7

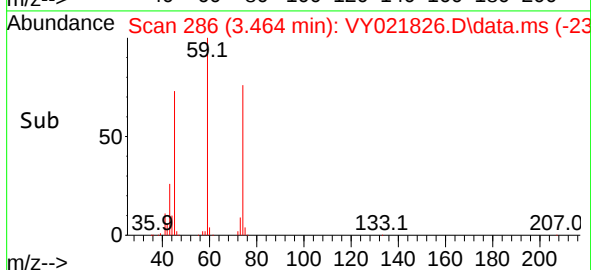
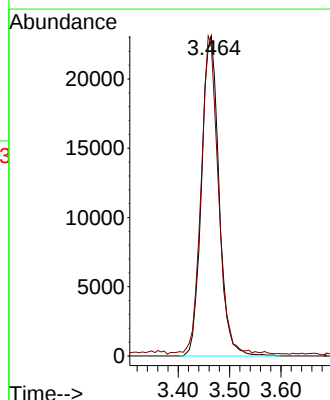
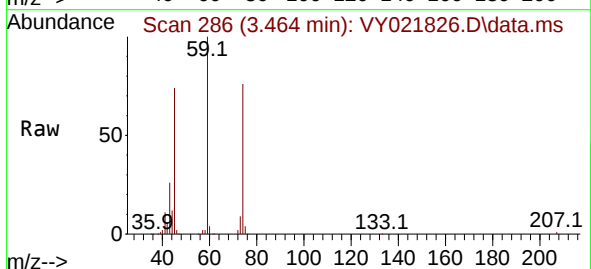
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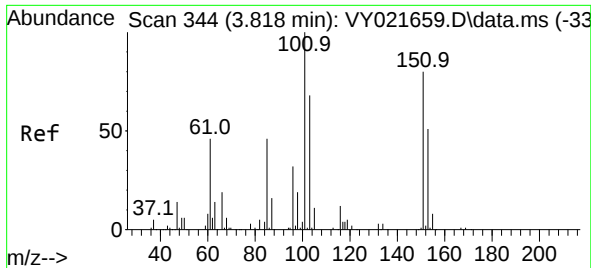
Reviewed By :Mahesh Dadoda 04/11/2025
Supervised By :Semsettin Yesilyurt 04/11/2025



#8
Diethyl Ether
Concen: 45.523 ug/l
RT: 3.464 min Scan# 286
Delta R.T. 0.012 min
Lab File: VY021826.D
Acq: 10 Apr 2025 09:51

Tgt Ion: 74 Resp: 54477
Ion Ratio Lower Upper
74 100
45 98.6 48.6 145.8





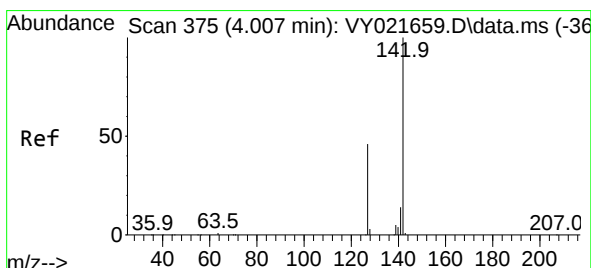
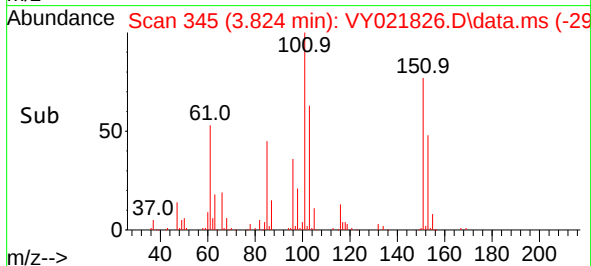
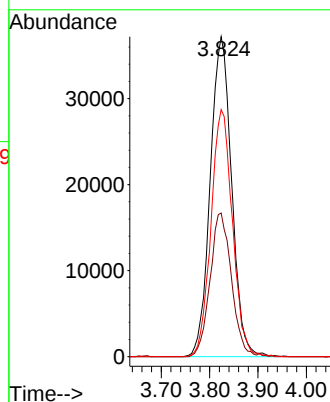
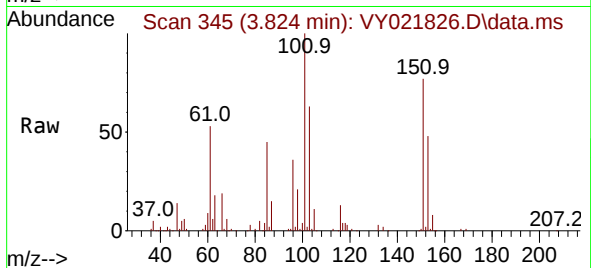
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.248 ug/l
RT: 3.824 min Scan# 344
Delta R.T. 0.006 min
Lab File: VY021826.D
Acq: 10 Apr 2025 09:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 114300
Ion Ratio Lower Upper
101 100
85 44.9 36.3 54.5
151 77.4 61.3 91.9

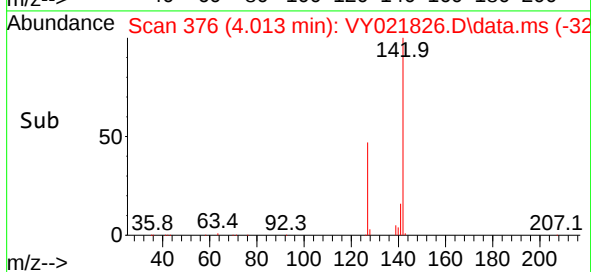
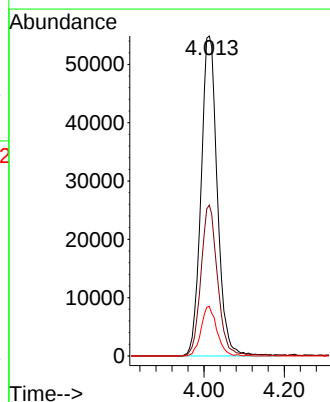
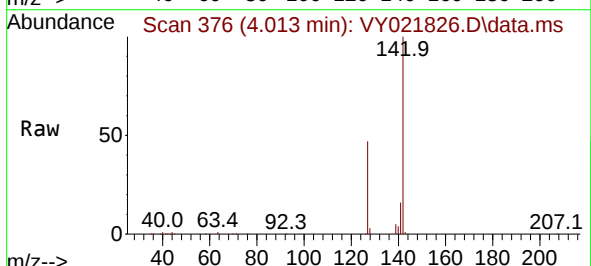
Manual Integrations
APPROVED

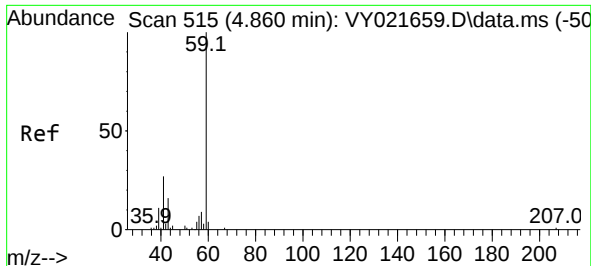
Reviewed By :Mahesh Dadoda 04/11/2025
Supervised By :Semsettin Yesilyurt 04/11/2025



#10
Methyl Iodide
Concen: 60.777 ug/l
RT: 4.013 min Scan# 376
Delta R.T. 0.006 min
Lab File: VY021826.D
Acq: 10 Apr 2025 09:51

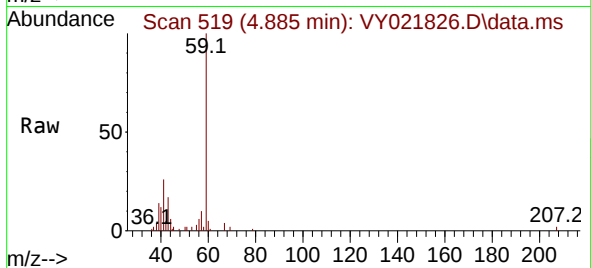
Tgt Ion:142 Resp: 154749
Ion Ratio Lower Upper
142 100
127 48.0 38.7 58.1
141 15.0 11.5 17.3





#11
Tert butyl alcohol
Concen: 178.541 ug/l
RT: 4.885 min Scan# 515
Delta R.T. 0.025 min
Lab File: VY021826.D
Acq: 10 Apr 2025 09:51

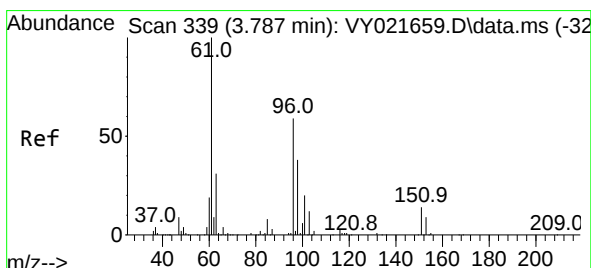
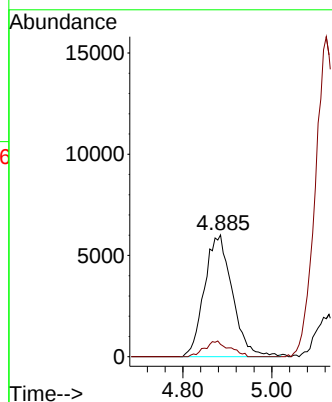
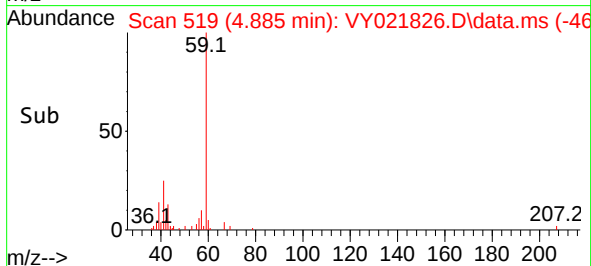
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 59 Resp: 2618
Ion Ratio Lower Upper
59 100
57 11.4 9.2 13.8

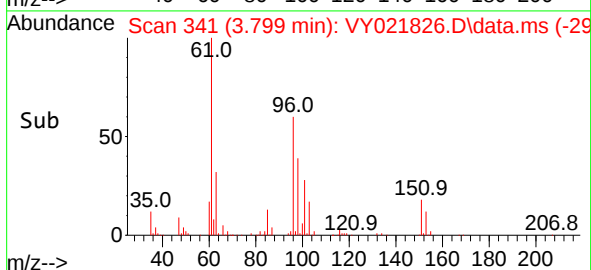
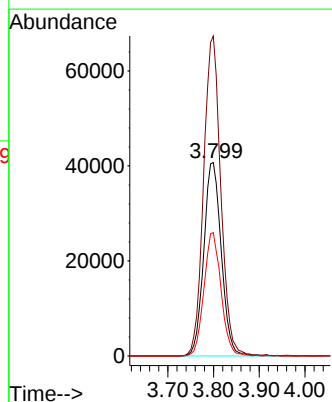
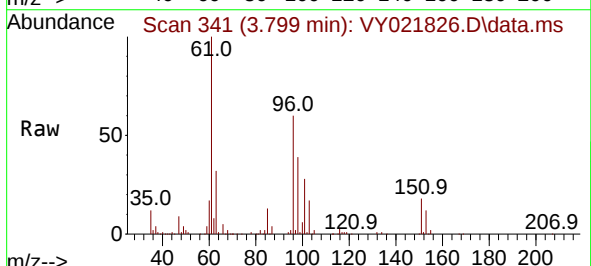
Manual Integrations
APPROVED

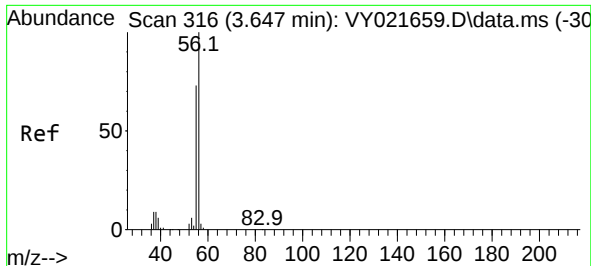
Reviewed By :Mahesh Dadoda 04/11/2025
Supervised By :Semsettin Yesilyurt 04/11/2025



#12
1,1-Dichloroethene
Concen: 49.718 ug/l
RT: 3.799 min Scan# 341
Delta R.T. 0.012 min
Lab File: VY021826.D
Acq: 10 Apr 2025 09:51

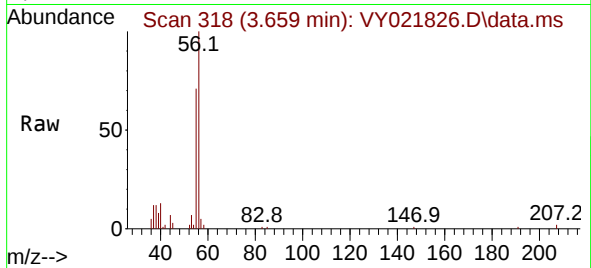
Tgt Ion: 96 Resp: 108689
Ion Ratio Lower Upper
96 100
61 165.5 136.6 204.8
98 63.8 52.3 78.5





#13
Acrolein
Concen: 64.216 ug/l
RT: 3.659 min Scan# 316
Delta R.T. 0.012 min
Lab File: VY021826.D
Acq: 10 Apr 2025 09:51

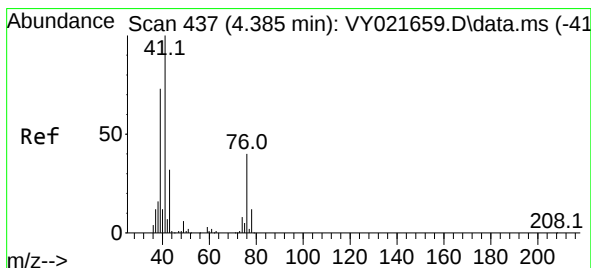
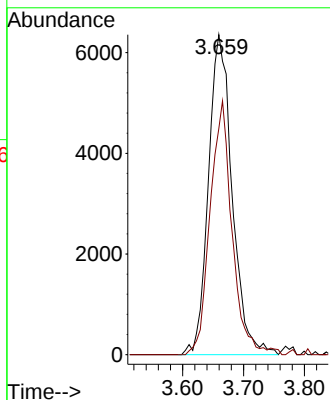
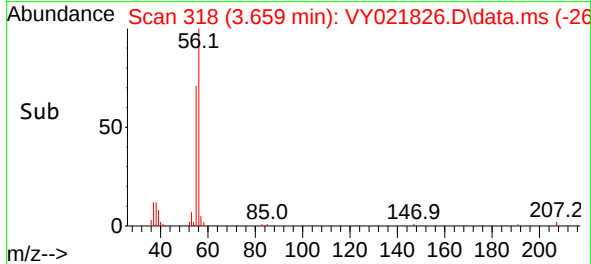
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 17198
Ion Ratio Lower Upper
56 100
55 72.9 56.6 85.0

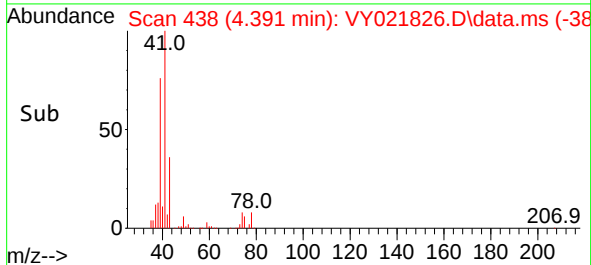
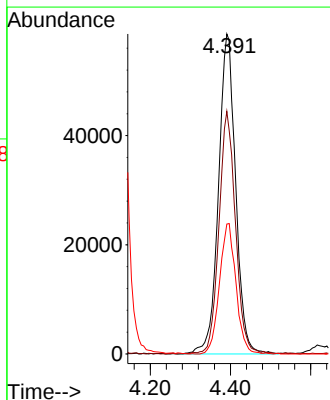
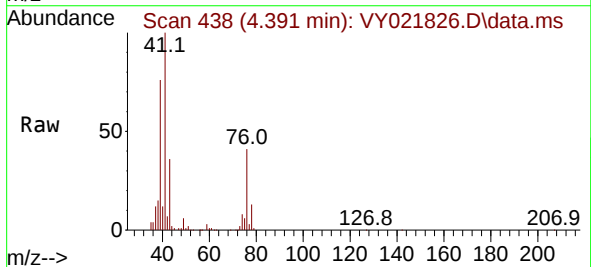
Manual Integrations
APPROVED

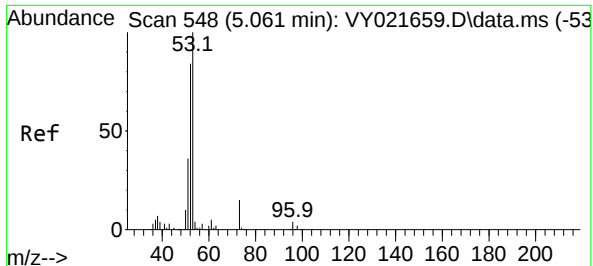
Reviewed By :Mahesh Dadoda 04/11/2025
Supervised By :Semsettin Yesilyurt 04/11/2025



#14
Allyl chloride
Concen: 49.894 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY021826.D
Acq: 10 Apr 2025 09:51

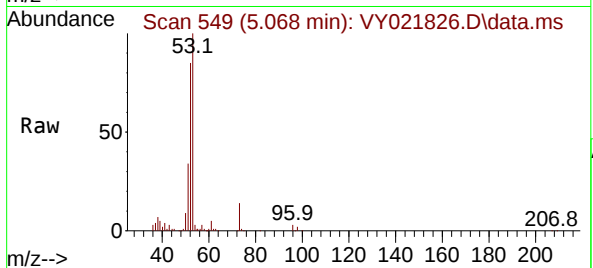
Tgt Ion: 41 Resp: 173906
Ion Ratio Lower Upper
41 100
39 73.3 58.6 88.0
76 39.1 30.3 45.5





#15
Acrylonitrile
Concen: 225.807 ug/l
RT: 5.068 min Scan# 548
Delta R.T. 0.006 min
Lab File: VY021826.D
Acq: 10 Apr 2025 09:51

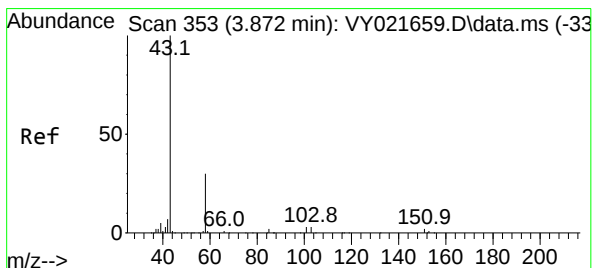
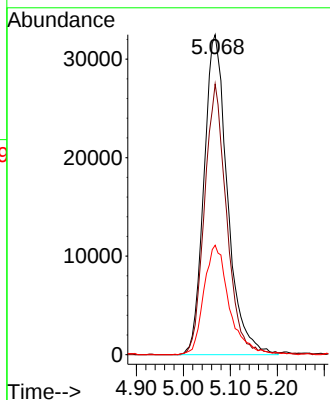
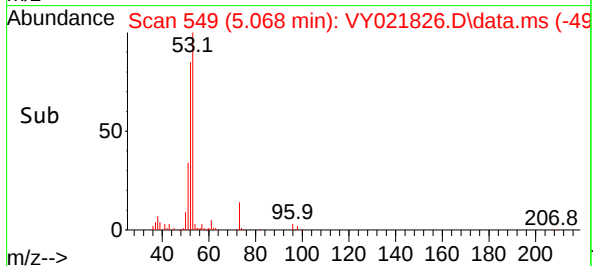
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



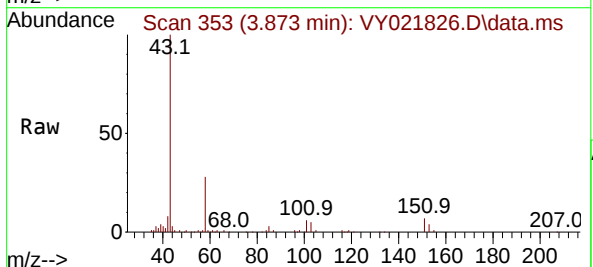
Tgt Ion: 53 Resp: 112828
Ion Ratio Lower Upper
53 100
52 79.6 64.9 97.3
51 36.7 30.2 45.2

Manual Integrations
APPROVED

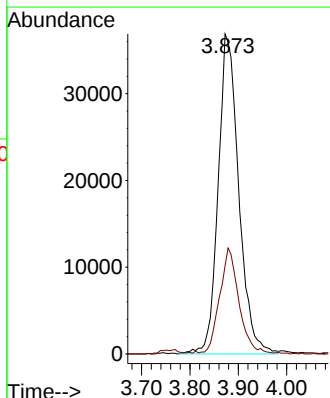
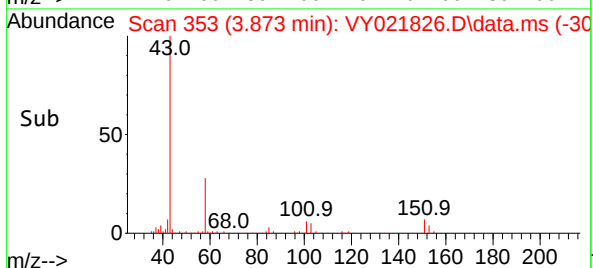
Reviewed By :Mahesh Dadoda 04/11/2025
Supervised By :Semsettin Yesilyurt 04/11/2025

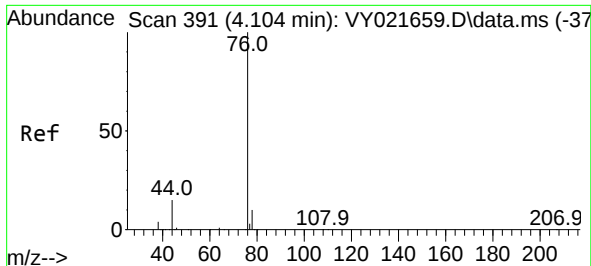


#16
Acetone
Concen: 236.349 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY021826.D
Acq: 10 Apr 2025 09:51



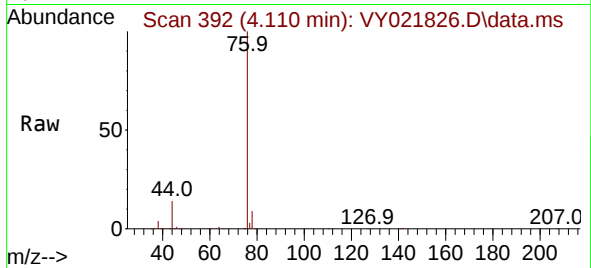
Tgt Ion: 43 Resp: 109229
Ion Ratio Lower Upper
43 100
58 27.1 24.2 36.4





#17
Carbon Disulfide
Concen: 47.539 ug/l
RT: 4.110 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY021826.D
Acq: 10 Apr 2025 09:51

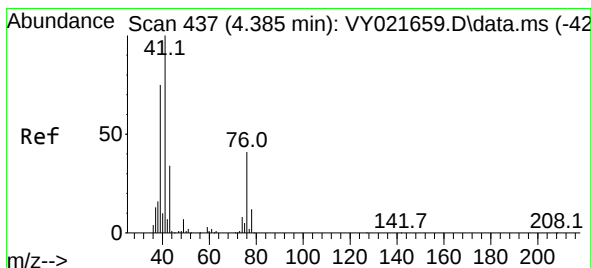
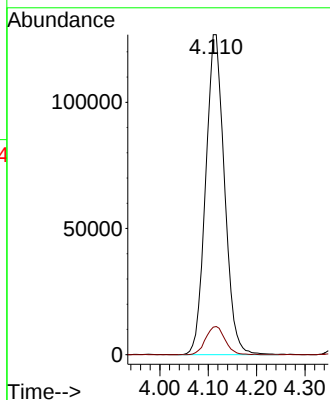
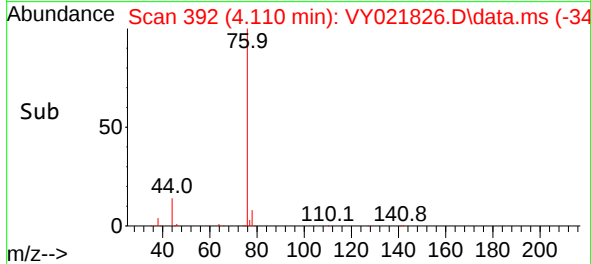
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 34230
Ion Ratio Lower Upper
76 100
78 8.6 7.6 11.4

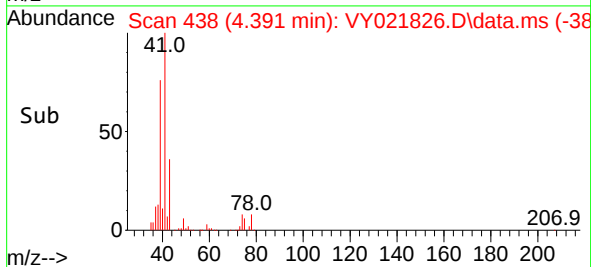
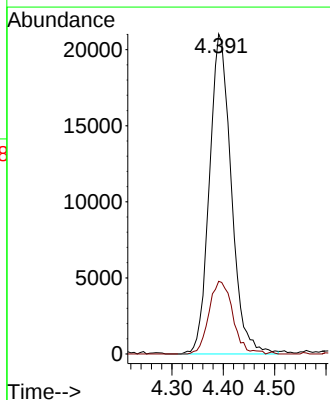
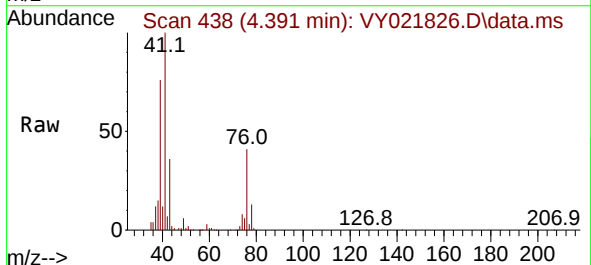
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 04/11/2025
Supervised By :Semsettin Yesilyurt 04/11/2025



#18
Methyl Acetate
Concen: 54.271 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY021826.D
Acq: 10 Apr 2025 09:51

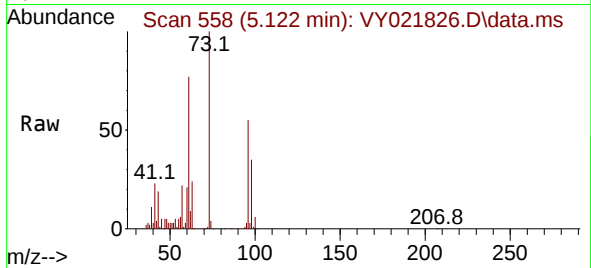
Tgt Ion: 43 Resp: 62162
Ion Ratio Lower Upper
43 100
74 24.8 19.1 28.7





#19
Methyl tert-butyl Ether
Concen: 46.934 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY021826.D
Acq: 10 Apr 2025 09:51

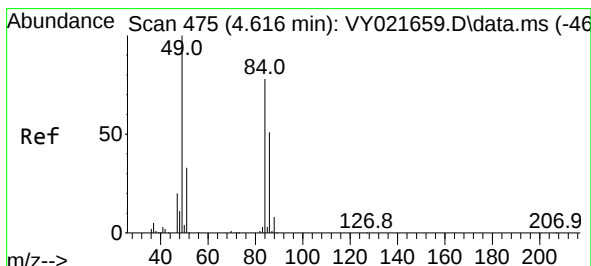
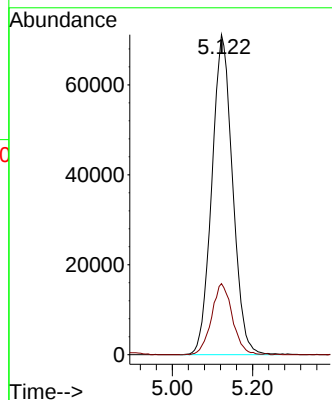
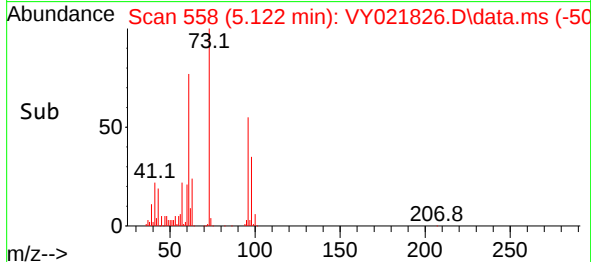
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



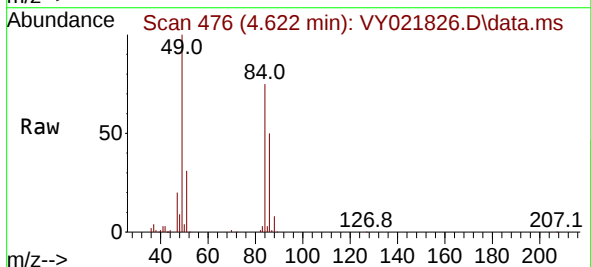
Tgt Ion: 73 Resp: 25544
Ion Ratio Lower Upper
73 100
57 22.2 18.1 27.1

Manual Integrations
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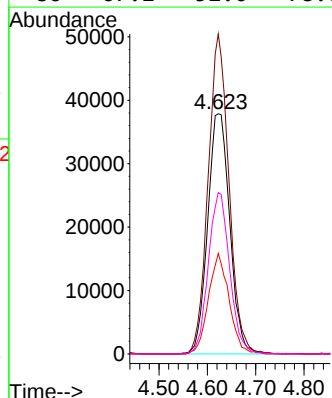
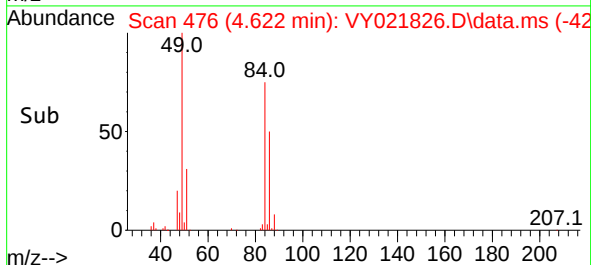
Reviewed By :Mahesh Dadoda 04/11/2025
Supervised By :Semsettin Yesilyurt 04/11/2025



#20
Methylene Chloride
Concen: 53.476 ug/l
RT: 4.622 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY021826.D
Acq: 10 Apr 2025 09:51



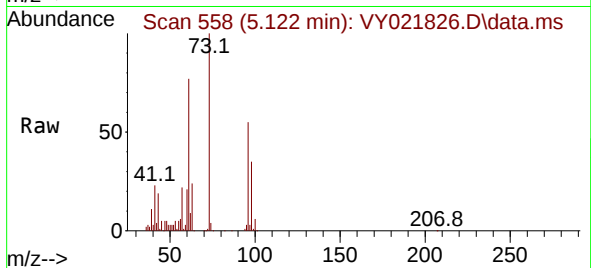
Tgt Ion: 84 Resp: 120325
Ion Ratio Lower Upper
84 100
49 133.3 102.8 154.2
51 41.8 33.5 50.3
86 67.2 52.0 78.0





#21
trans-1,2-Dichloroethene
Concen: 50.695 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY021826.D
Acq: 10 Apr 2025 09:51

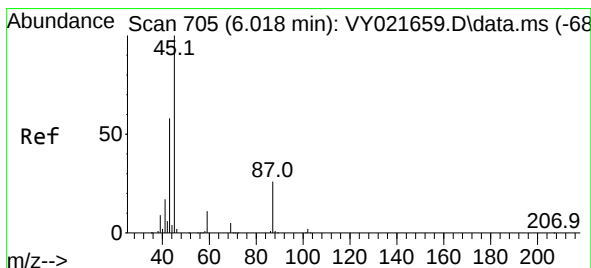
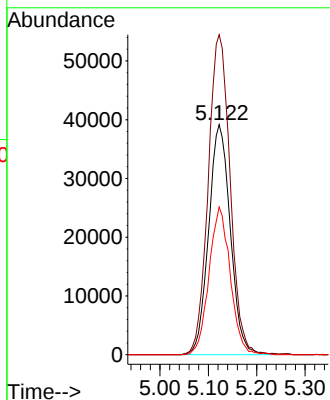
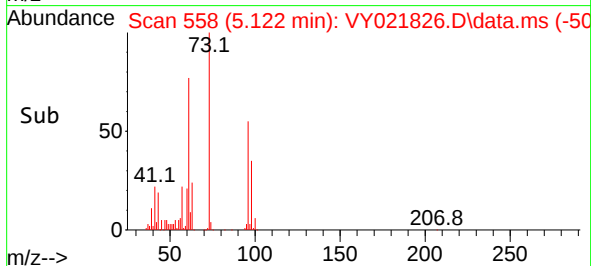
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 12202
Ion Ratio Lower Upper
96 100
61 139.1 109.4 164.0
98 64.2 50.2 75.2

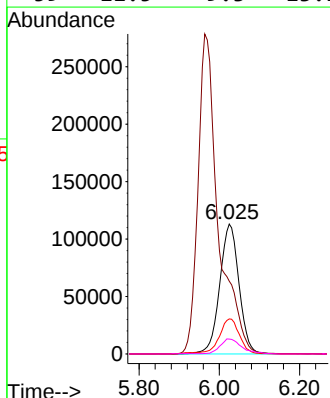
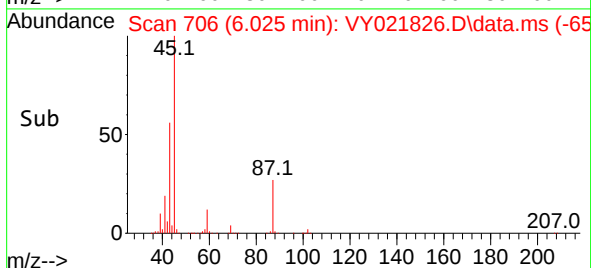
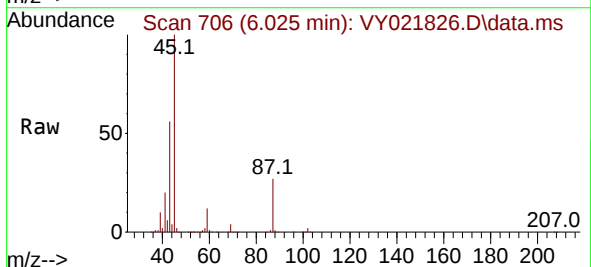
Manual Integrations
APPROVED

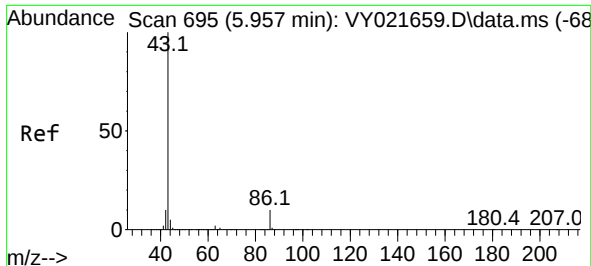
Reviewed By :Mahesh Dadoda 04/11/2025
Supervised By :Semsettin Yesilyurt 04/11/2025



#22
Diisopropyl ether
Concen: 51.611 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY021826.D
Acq: 10 Apr 2025 09:51

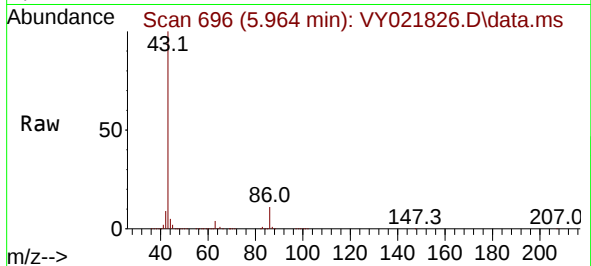
Tgt Ion: 45 Resp: 377364
Ion Ratio Lower Upper
45 100
43 55.8 46.6 69.8
87 27.0 20.7 31.1
59 11.5 9.3 13.9





#23
 Vinyl Acetate
 Concen: 228.429 ug/l
 RT: 5.964 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY021826.D
 Acq: 10 Apr 2025 09:51

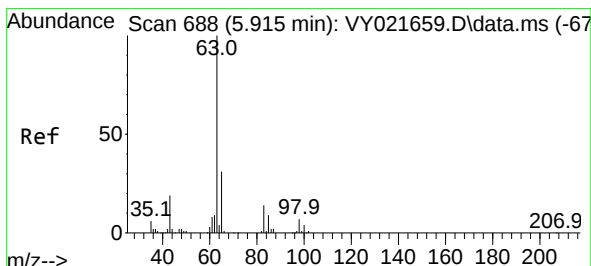
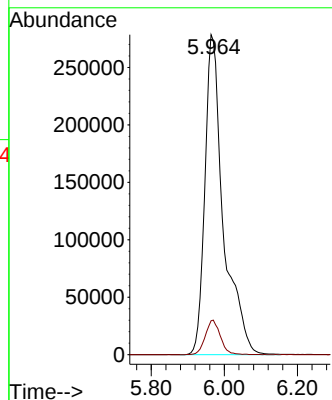
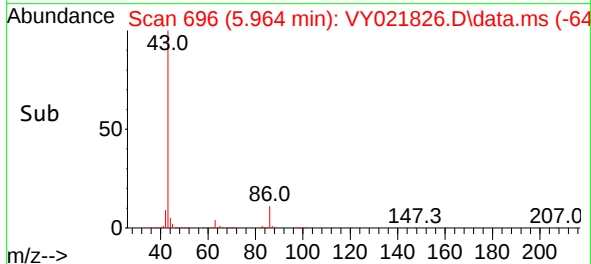
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



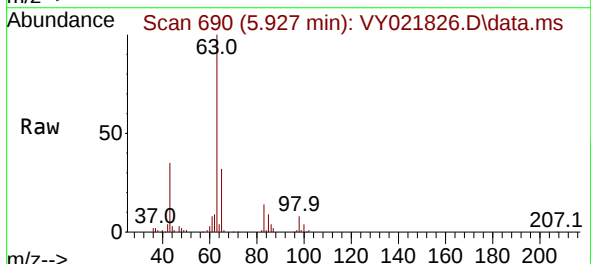
Tgt Ion: 43 Resp: 97708
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.2 12.2

Manual Integrations
 APPROVED

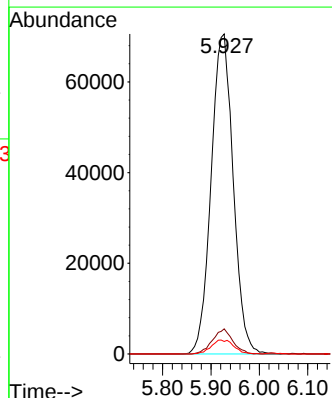
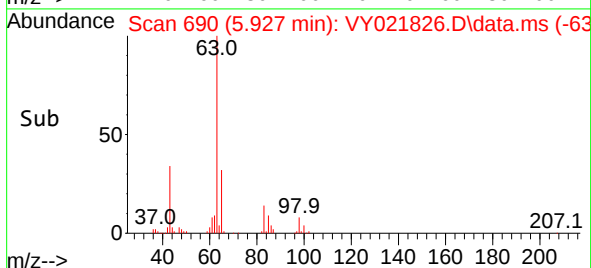
Reviewed By :Mahesh Dadoda 04/11/2025
 Supervised By :Semsettin Yesilyurt 04/11/2025

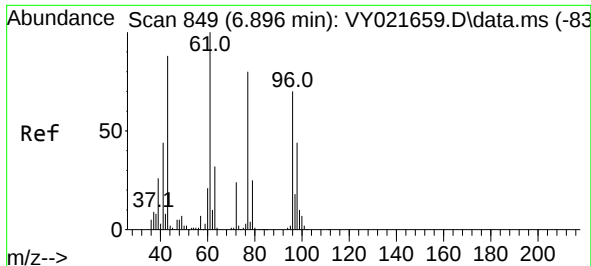


#24
 1,1-Dichloroethane
 Concen: 51.179 ug/l
 RT: 5.927 min Scan# 690
 Delta R.T. 0.012 min
 Lab File: VY021826.D
 Acq: 10 Apr 2025 09:51



Tgt Ion: 63 Resp: 223759
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.5 10.5
 100 3.9 2.2 6.6





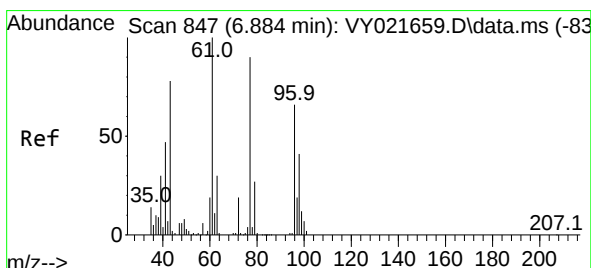
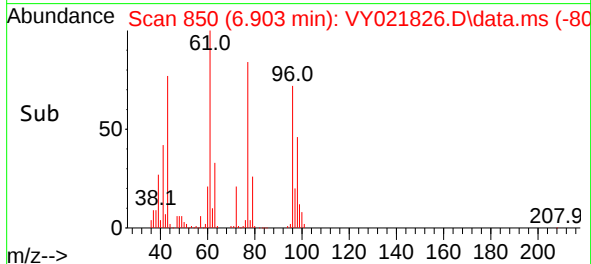
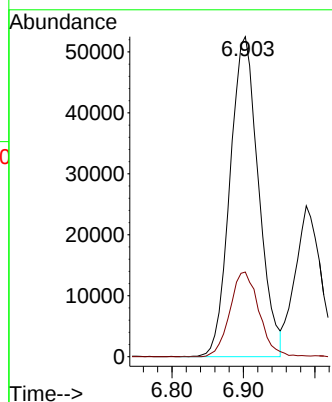
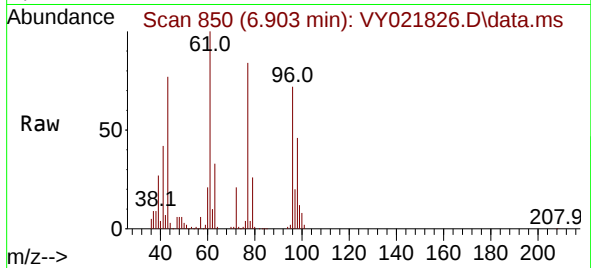
#25
2-Butanone
Concen: 220.606 ug/l
RT: 6.903 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY021826.D
Acq: 10 Apr 2025 09:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 14562
Ion Ratio Lower Upper
43 100
72 26.5 21.4 32.2

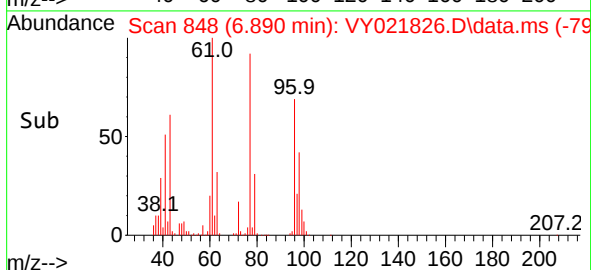
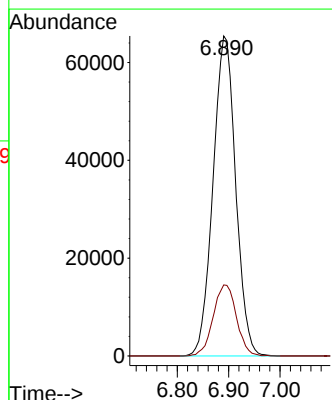
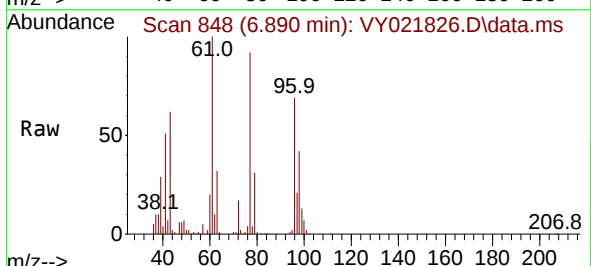
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 04/11/2025
Supervised By :Semsettin Yesilyurt 04/11/2025



#26
2,2-Dichloropropane
Concen: 51.473 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY021826.D
Acq: 10 Apr 2025 09:51

Tgt Ion: 77 Resp: 200181
Ion Ratio Lower Upper
77 100
97 22.8 11.1 33.1





#27

cis-1,2-Dichloroethene

Concen: 51.686 ug/l

RT: 6.896 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY021826.D

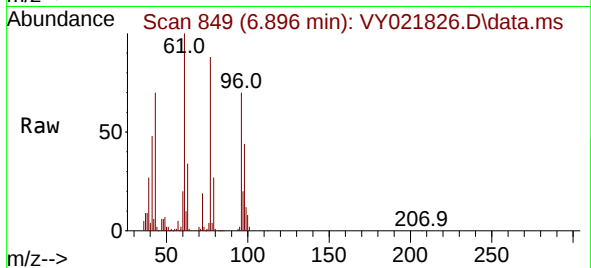
Acq: 10 Apr 2025 09:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

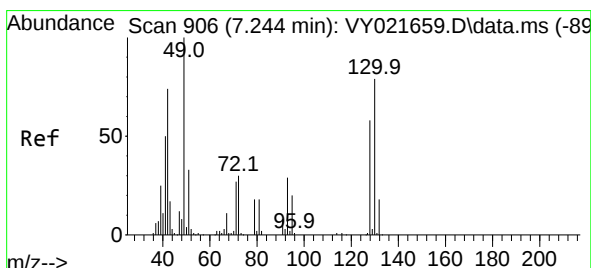
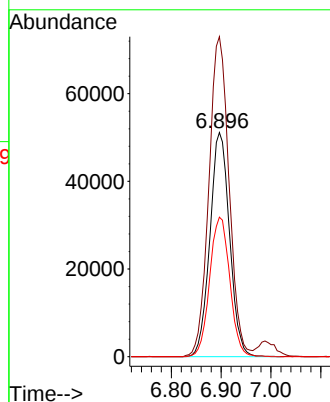
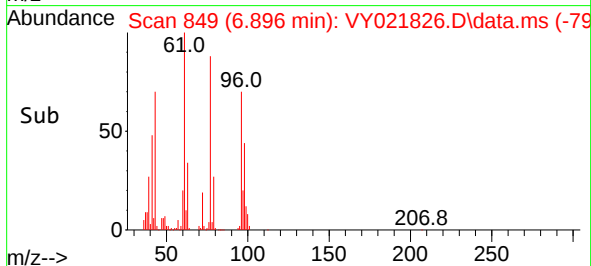


Tgt Ion:	96	Resp:	139904
Ion Ratio	Lower	Upper	
96	100		
61	146.6	0.0	296.4
98	63.8	0.0	128.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/11/2025
Supervised By :Semsettin Yesilyurt 04/11/2025



#28

Bromochloromethane

Concen: 50.649 ug/l

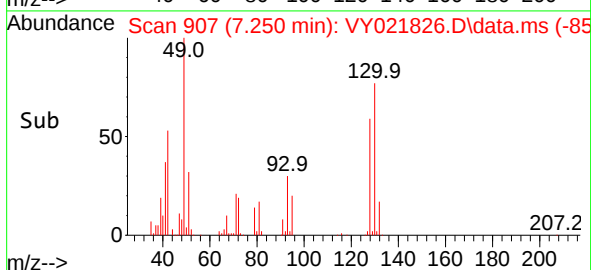
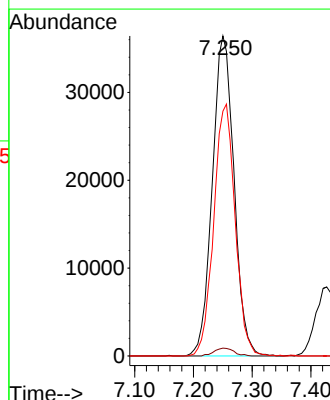
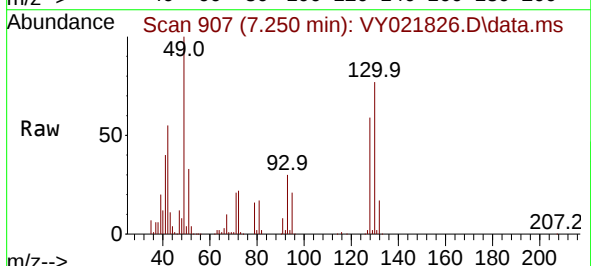
RT: 7.250 min Scan# 907

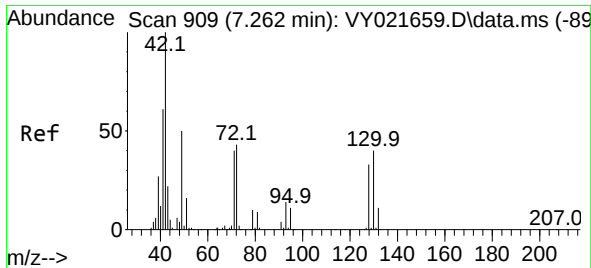
Delta R.T. 0.006 min

Lab File: VY021826.D

Acq: 10 Apr 2025 09:51

Tgt Ion:	49	Resp:	93389
Ion Ratio	Lower	Upper	
49	100		
129	2.2	0.0	4.4
130	77.9	60.1	90.1





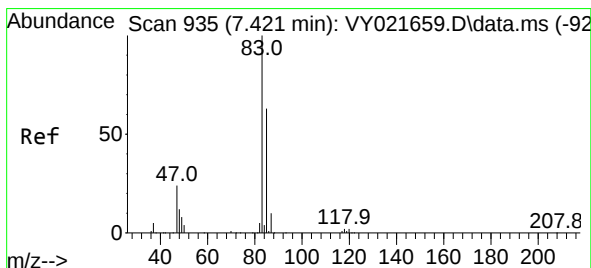
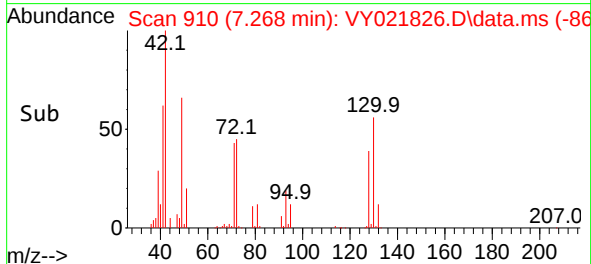
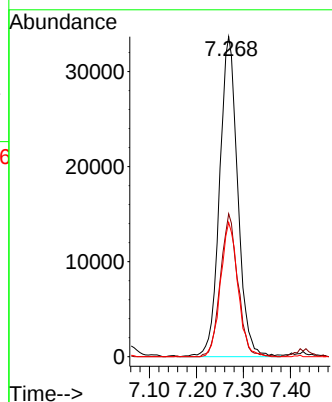
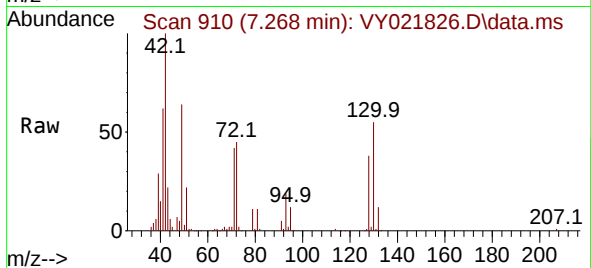
#29
Tetrahydrofuran
Concen: 212.656 ug/l
RT: 7.268 min Scan# 910
Delta R.T. 0.006 min
Lab File: VY021826.D
Acq: 10 Apr 2025 09:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 42 Resp: 9034
Ion Ratio Lower Upper
42 100
72 42.8 34.6 52.0
71 40.5 32.5 48.7

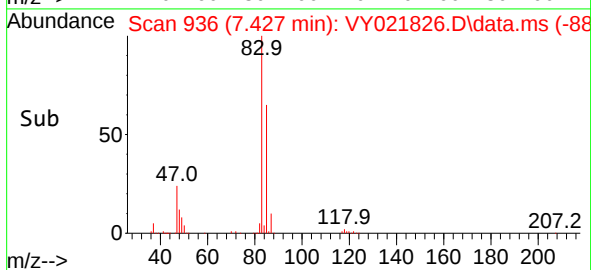
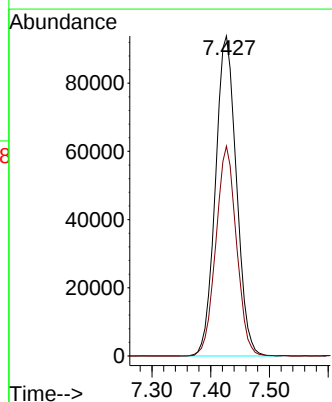
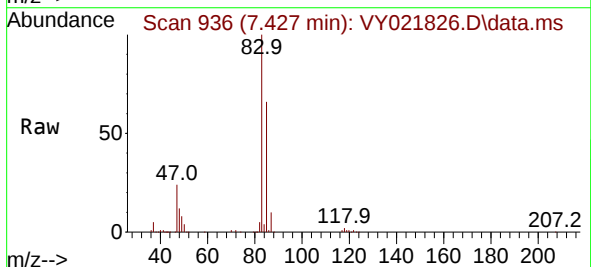
Manual Integrations
APPROVED

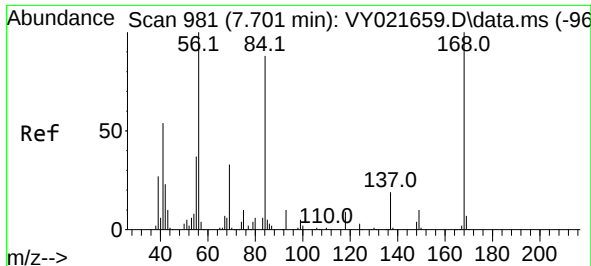
Reviewed By :Mahesh Dadoda 04/11/2025
Supervised By :Semsettin Yesilyurt 04/11/2025



#30
Chloroform
Concen: 51.125 ug/l
RT: 7.427 min Scan# 936
Delta R.T. 0.006 min
Lab File: VY021826.D
Acq: 10 Apr 2025 09:51

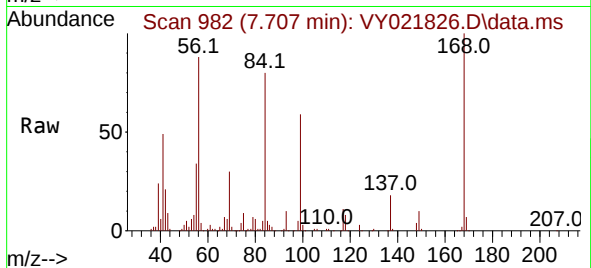
Tgt Ion: 83 Resp: 232484
Ion Ratio Lower Upper
83 100
85 65.6 50.6 75.8





#31
Cyclohexane
Concen: 46.287 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY021826.D
Acq: 10 Apr 2025 09:51

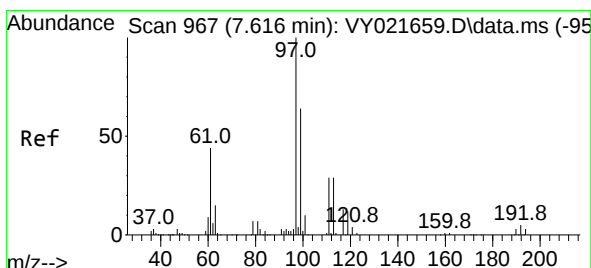
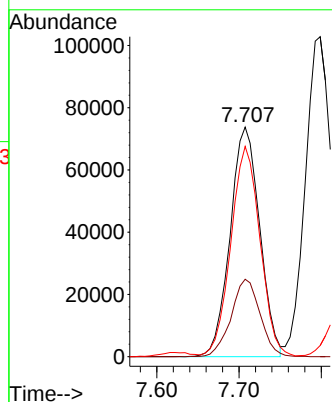
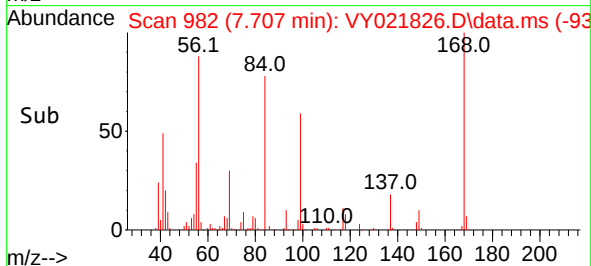
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 184475
Ion Ratio Lower Upper
56 100
69 33.6 26.6 40.0
84 89.9 69.0 103.4

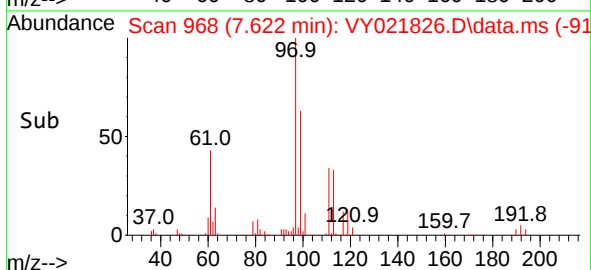
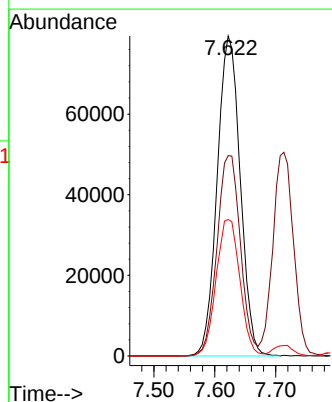
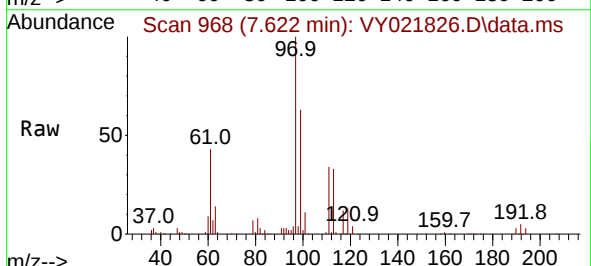
Manual Integrations
APPROVED

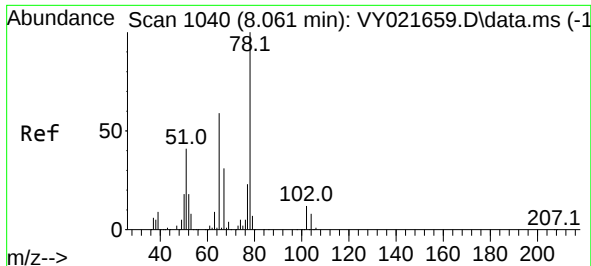
Reviewed By :Mahesh Dadoda 04/11/2025
Supervised By :Semsettin Yesilyurt 04/11/2025



#32
1,1,1-Trichloroethane
Concen: 50.770 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY021826.D
Acq: 10 Apr 2025 09:51

Tgt Ion: 97 Resp: 208666
Ion Ratio Lower Upper
97 100
99 63.8 50.7 76.1
61 44.0 35.2 52.8





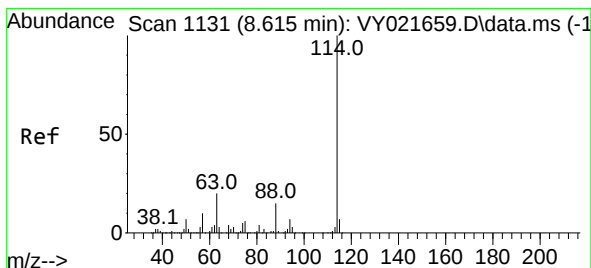
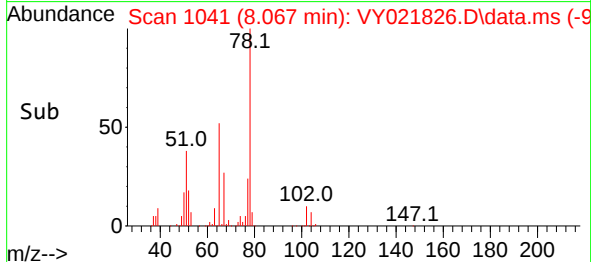
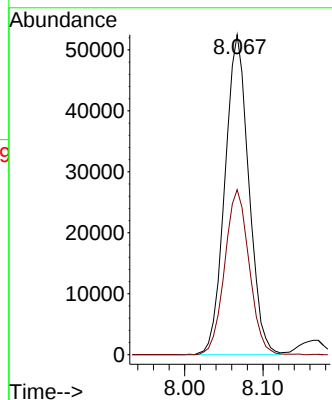
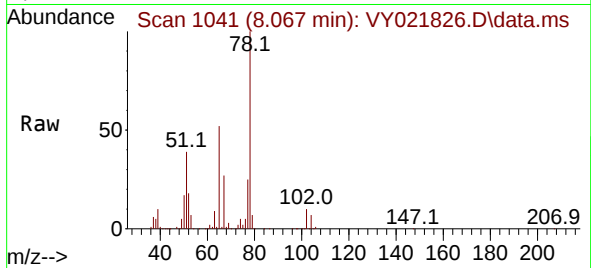
#33
1,2-Dichloroethane-d4
Concen: 49.206 ug/l
RT: 8.067 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VY021826.D
Acq: 10 Apr 2025 09:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 65 Resp: 11111
Ion Ratio Lower Upper
65 100
67 52.9 0.0 104.6

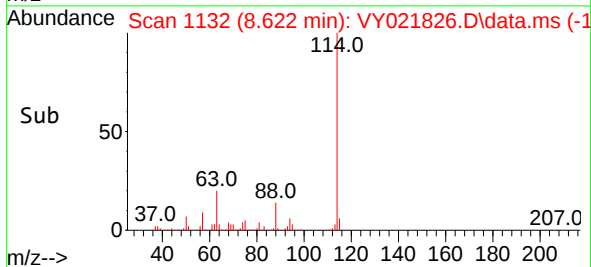
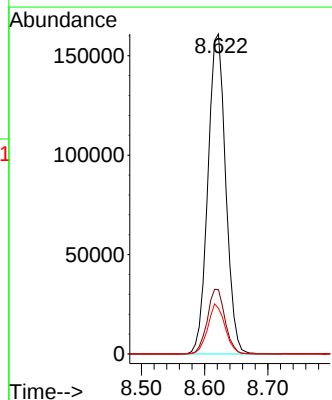
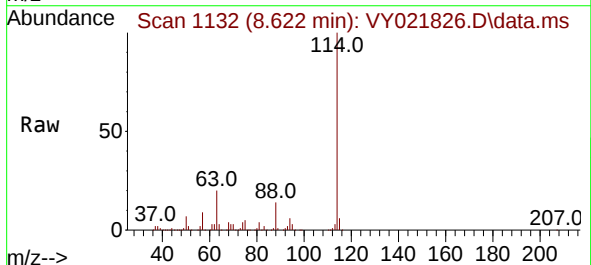
Manual Integrations
APPROVED

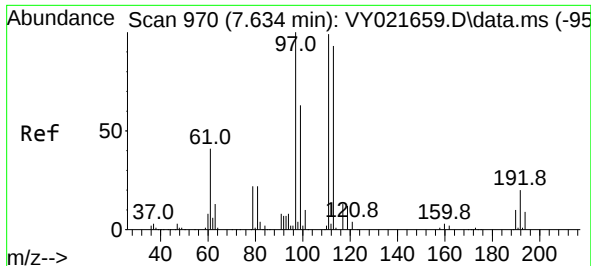
Reviewed By :Mahesh Dadoda 04/11/2025
Supervised By :Semsettin Yesilyurt 04/11/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. 0.006 min
Lab File: VY021826.D
Acq: 10 Apr 2025 09:51

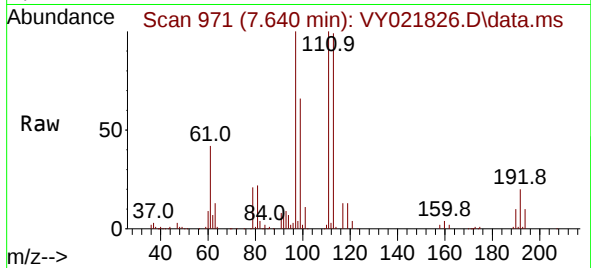
Tgt Ion:114 Resp: 315600
Ion Ratio Lower Upper
114 100
63 20.1 0.0 40.2
88 14.2 0.0 29.8





#35
Dibromofluoromethane
Concen: 54.881 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021826.D
Acq: 10 Apr 2025 09:51

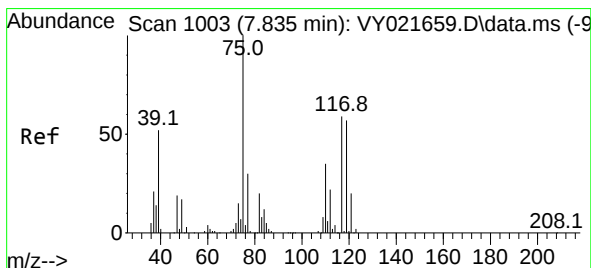
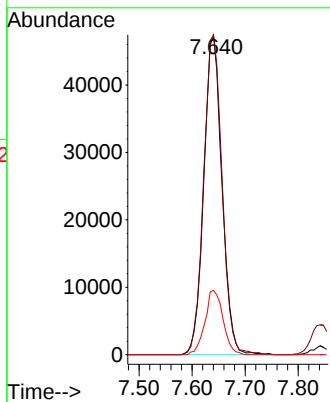
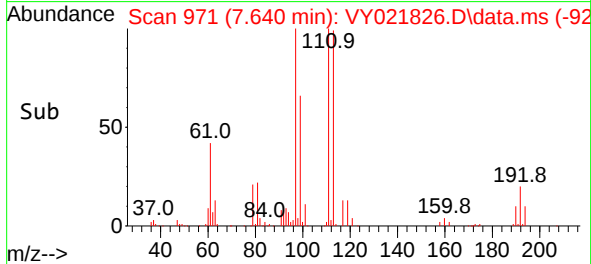
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 113 Resp: 112354
Ion Ratio Lower Upper
113 100
111 102.0 82.6 123.8
192 20.1 16.2 24.4

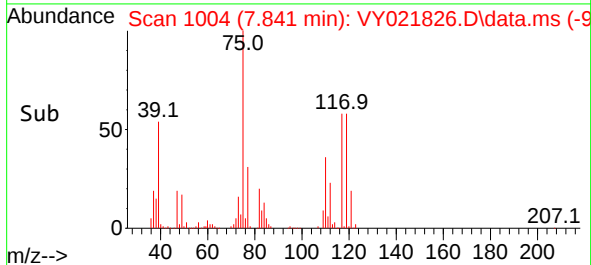
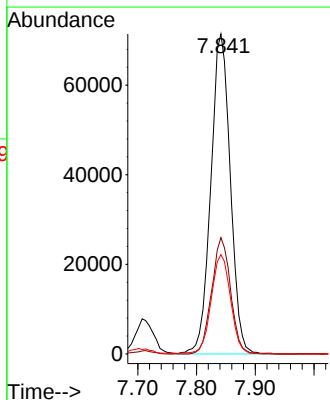
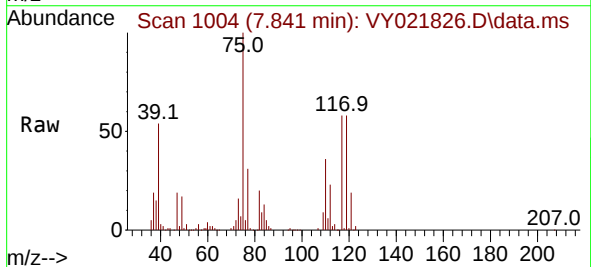
Manual Integrations
APPROVED

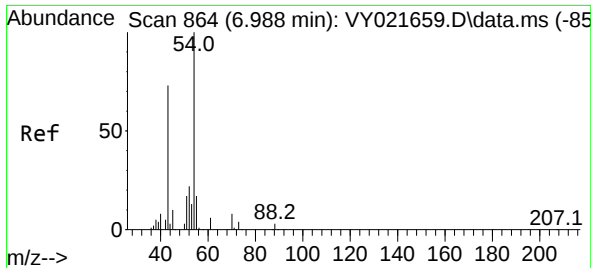
Reviewed By :Mahesh Dadoda 04/11/2025
Supervised By :Semsettin Yesilyurt 04/11/2025



#36
1,1-Dichloropropene
Concen: 52.798 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.006 min
Lab File: VY021826.D
Acq: 10 Apr 2025 09:51

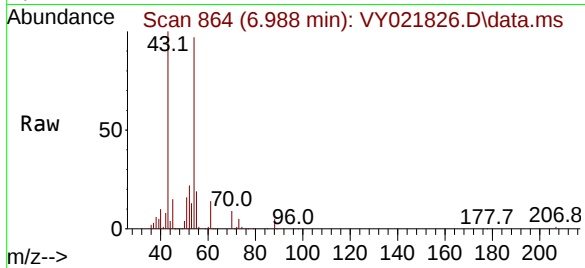
Tgt Ion: 75 Resp: 164638
Ion Ratio Lower Upper
75 100
110 35.2 17.0 50.9
77 31.0 24.8 37.2





#37
Ethyl Acetate
Concen: 42.738 ug/l
RT: 6.988 min Scan# 864
Delta R.T. 0.000 min
Lab File: VY021826.D
Acq: 10 Apr 2025 09:51

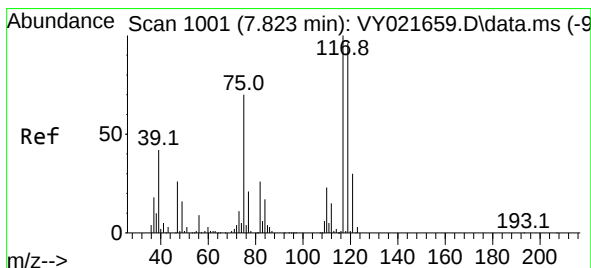
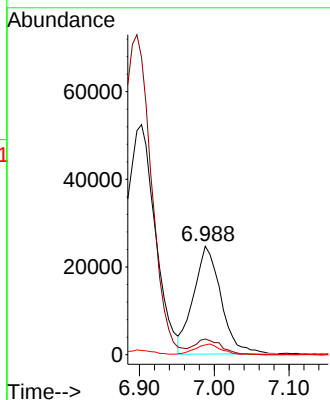
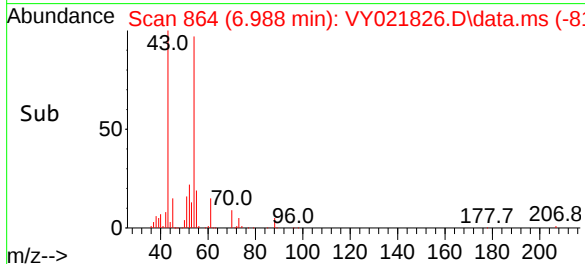
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 62890
Ion Ratio Lower Upper
43 100
61 13.9 11.0 16.6
70 8.6 8.1 12.1

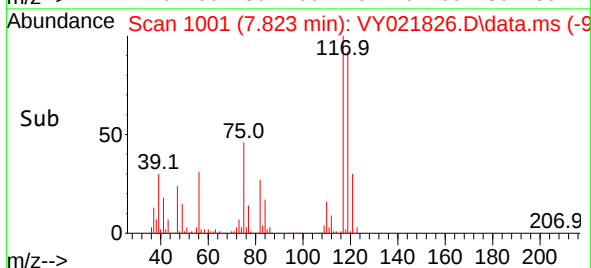
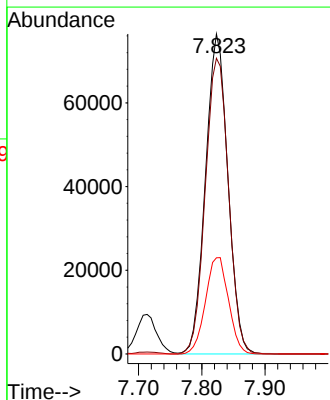
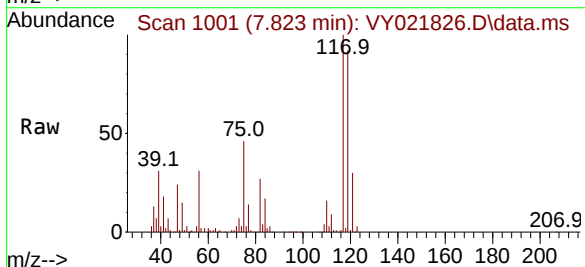
Manual Integrations
APPROVED

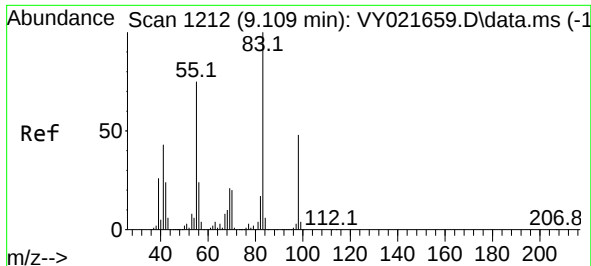
Reviewed By :Mahesh Dadoda 04/11/2025
Supervised By :Semsettin Yesilyurt 04/11/2025



#38
Carbon Tetrachloride
Concen: 52.675 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VY021826.D
Acq: 10 Apr 2025 09:51

Tgt Ion:117 Resp: 188128
Ion Ratio Lower Upper
117 100
119 92.4 76.2 114.4
121 30.0 24.2 36.4





#39

Methylcyclohexane

Concen: 52.136 ug/l

RT: 9.116 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY021826.D

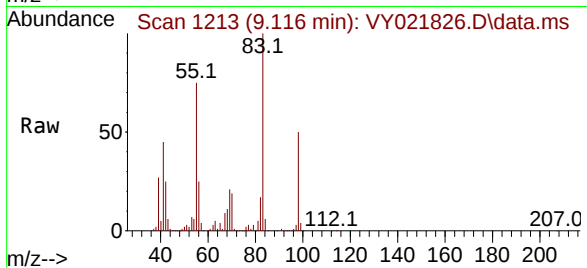
Acq: 10 Apr 2025 09:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

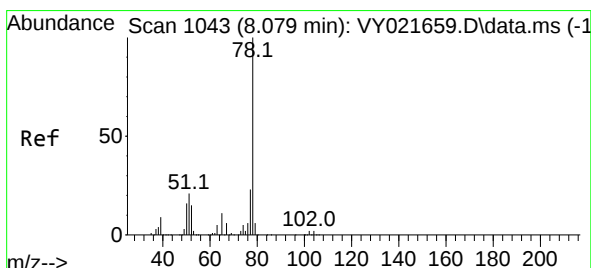
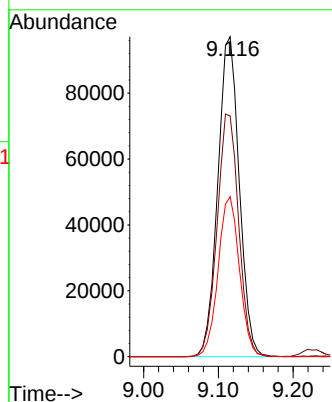
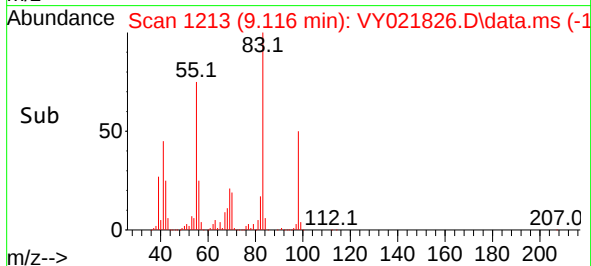


Tgt Ion:	83	Resp:	19421
Ion Ratio	Lower	Upper	
83	100		
55	75.2	59.7	89.5
98	50.0	38.3	57.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/11/2025
Supervised By :Semsettin Yesilyurt 04/11/2025



#40

Benzene

Concen: 53.693 ug/l

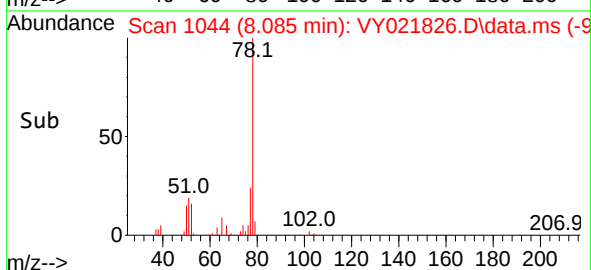
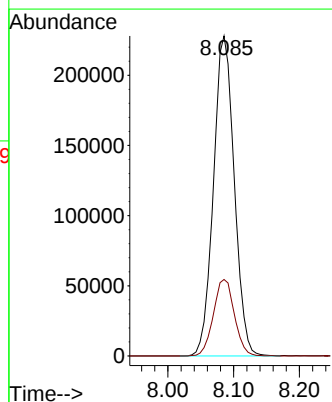
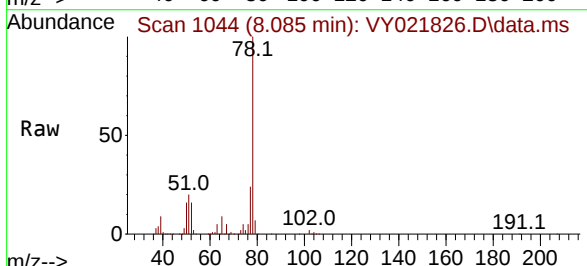
RT: 8.085 min Scan# 1044

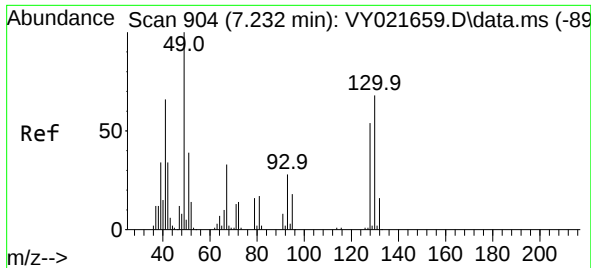
Delta R.T. 0.006 min

Lab File: VY021826.D

Acq: 10 Apr 2025 09:51

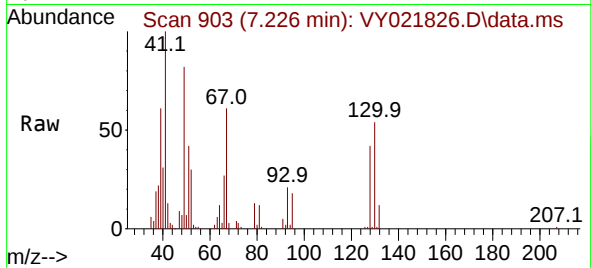
Tgt Ion:	78	Resp:	501413
Ion Ratio	Lower	Upper	
78	100		
77	23.9	18.8	28.2





#41
Methacrylonitrile
Concen: 43.413 ug/l
RT: 7.226 min Scan# 904
Delta R.T. -0.006 min
Lab File: VY021826.D
Acq: 10 Apr 2025 09:51

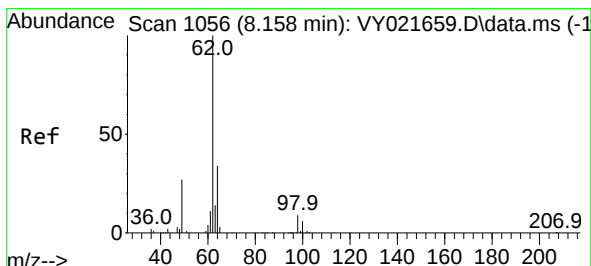
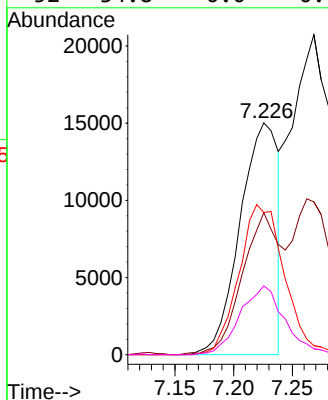
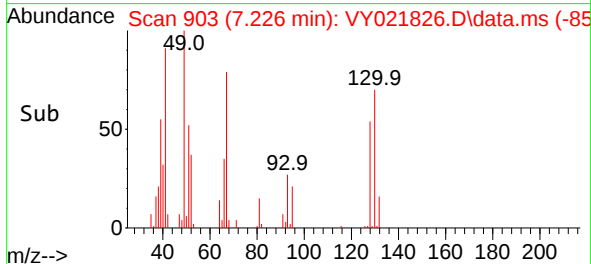
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 33929
Ion Ratio Lower Upper
41 100
39 63.4 0.0 0.0
67 78.0 0.0 0.0
52 34.8 0.0 0.0

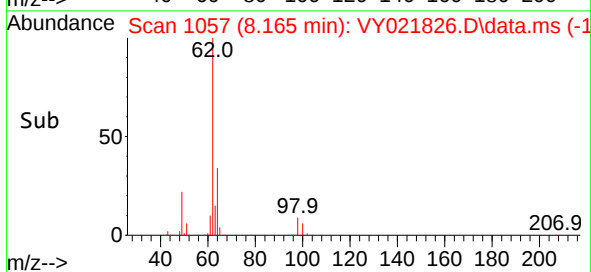
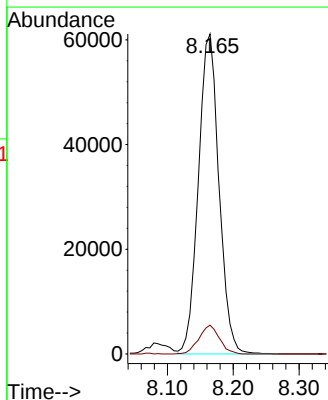
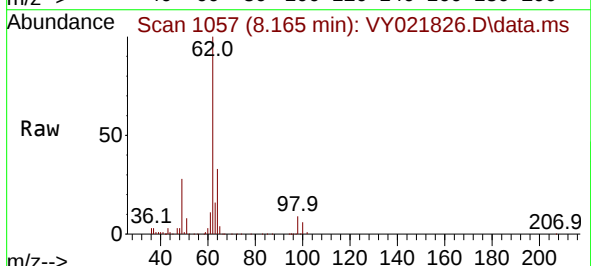
Manual Integrations
APPROVED

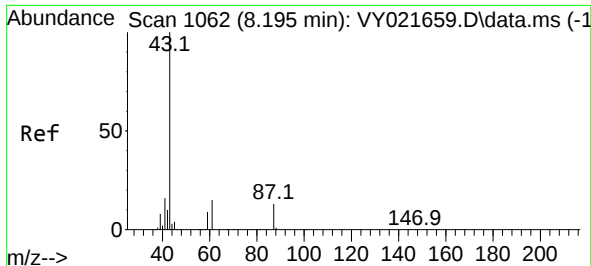
Reviewed By :Mahesh Dadoda 04/11/2025
Supervised By :Semsettin Yesilyurt 04/11/2025



#42
1,2-Dichloroethane
Concen: 50.553 ug/l
RT: 8.165 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VY021826.D
Acq: 10 Apr 2025 09:51

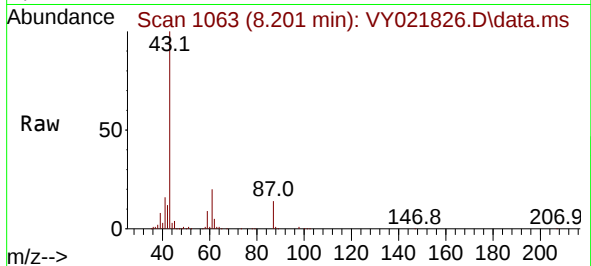
Tgt Ion: 62 Resp: 133088
Ion Ratio Lower Upper
62 100
98 9.0 0.0 18.4





#43
Isopropyl Acetate
Concen: 44.479 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VY021826.D
Acq: 10 Apr 2025 09:51

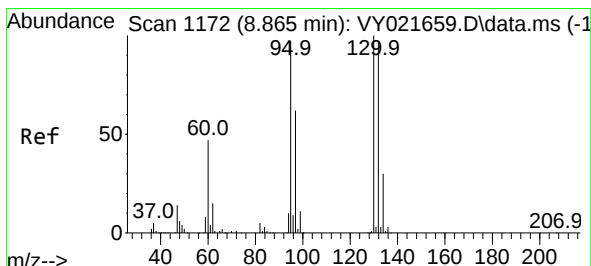
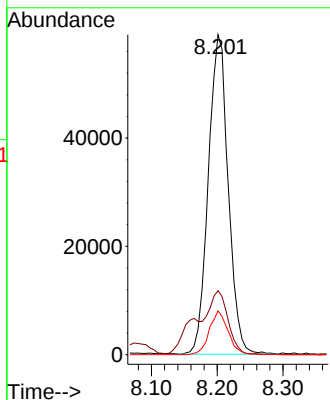
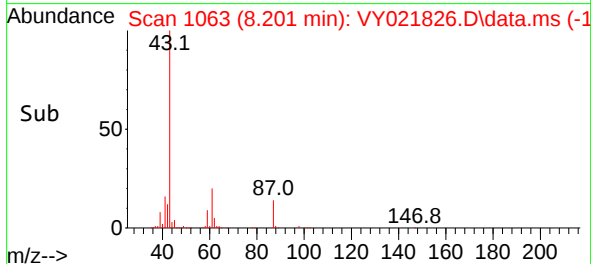
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 124040
Ion Ratio Lower Upper
43 100
61 19.9 15.9 23.9
87 13.0 10.4 15.6

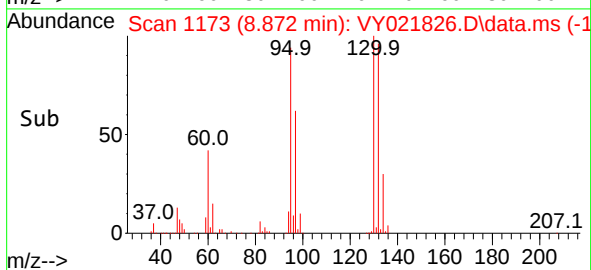
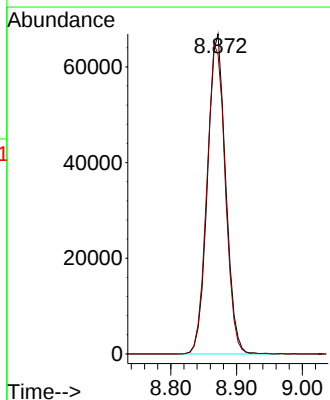
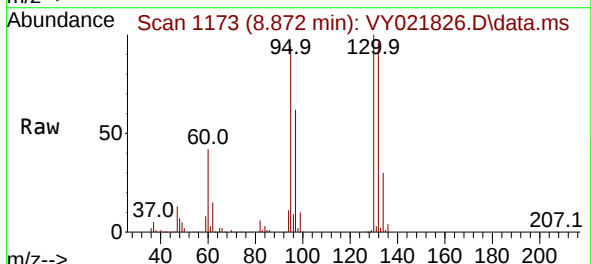
Manual Integrations
APPROVED

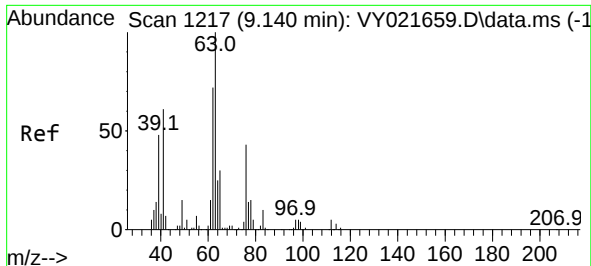
Reviewed By :Mahesh Dadoda 04/11/2025
Supervised By :Semsettin Yesilyurt 04/11/2025



#44
Trichloroethene
Concen: 53.929 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. 0.006 min
Lab File: VY021826.D
Acq: 10 Apr 2025 09:51

Tgt Ion:130 Resp: 128316
Ion Ratio Lower Upper
130 100
95 93.6 0.0 194.8





#45

1,2-Dichloropropane

Concen: 53.892 ug/l

RT: 9.146 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VY021826.D

Acq: 10 Apr 2025 09:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 119120

Ion Ratio Lower Upper

63 100

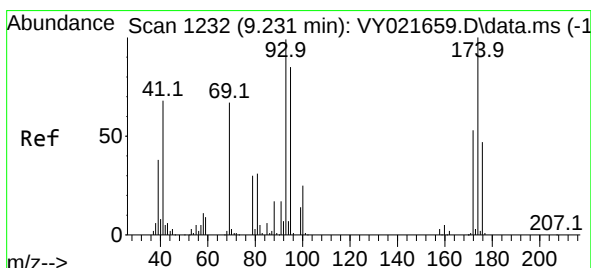
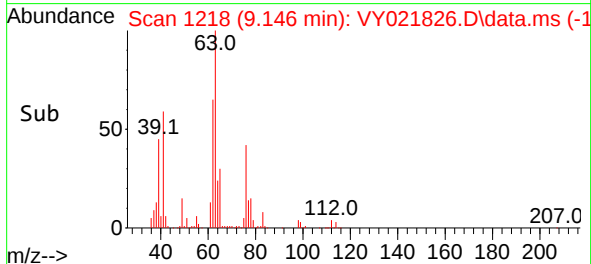
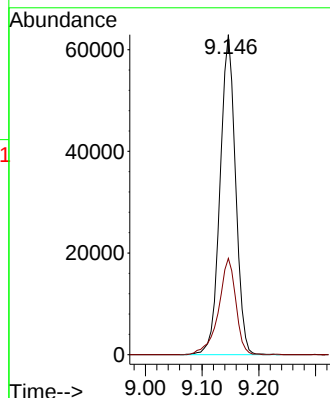
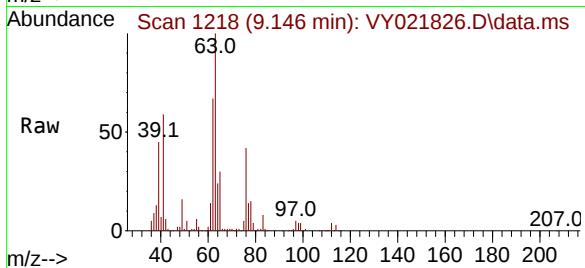
65 30.1 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/11/2025

Supervised By :Semsettin Yesilyurt 04/11/2025



#46

Dibromomethane

Concen: 50.428 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY021826.D

Acq: 10 Apr 2025 09:51

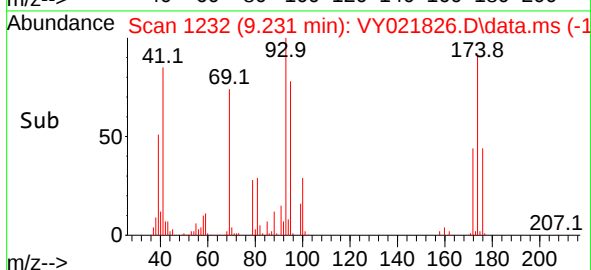
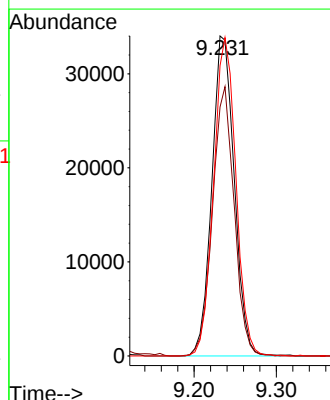
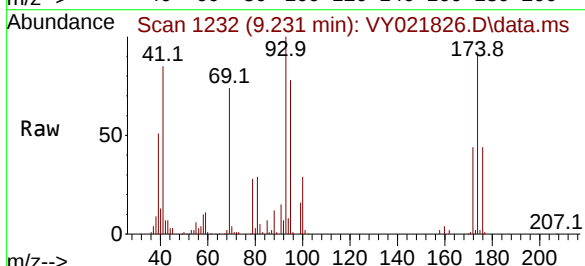
Tgt Ion: 93 Resp: 64243

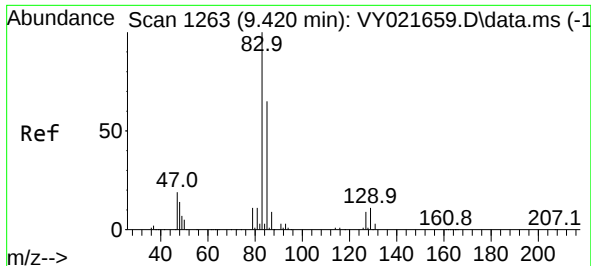
Ion Ratio Lower Upper

93 100

95 81.6 68.1 102.1

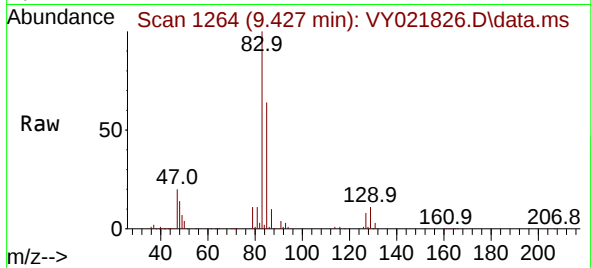
174 99.4 80.9 121.3





#47
Bromodichloromethane
Concen: 52.651 ug/l
RT: 9.427 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VY021826.D
Acq: 10 Apr 2025 09:51

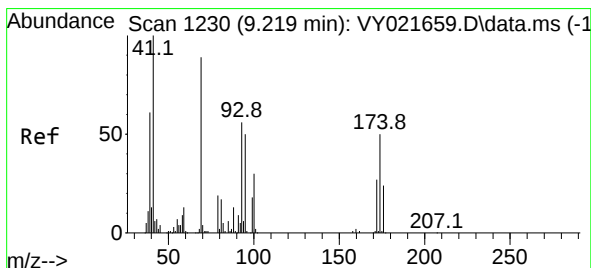
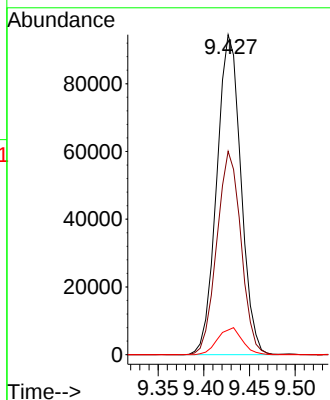
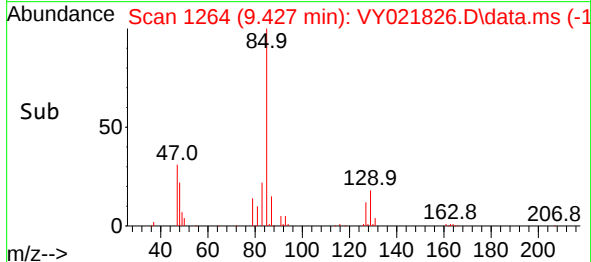
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 17380
Ion Ratio Lower Upper
83 100
85 63.6 51.8 77.6
127 7.7 6.8 10.2

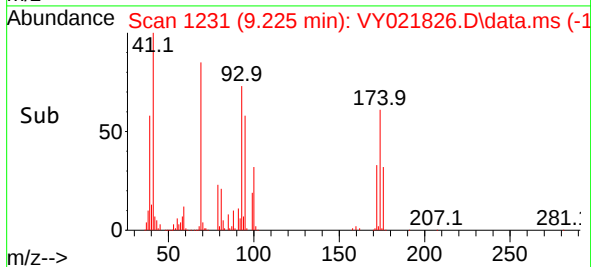
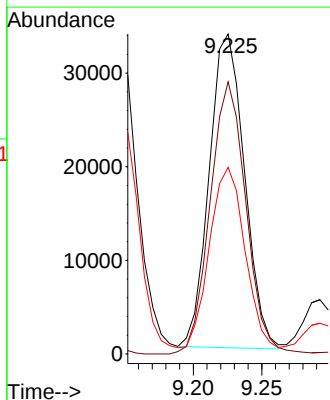
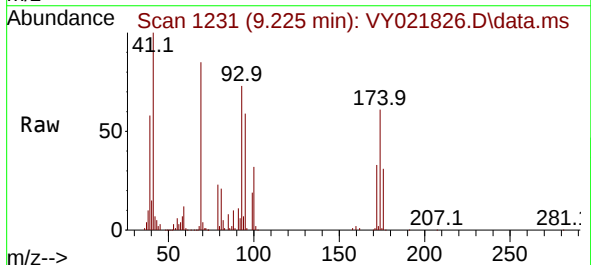
Manual Integrations
APPROVED

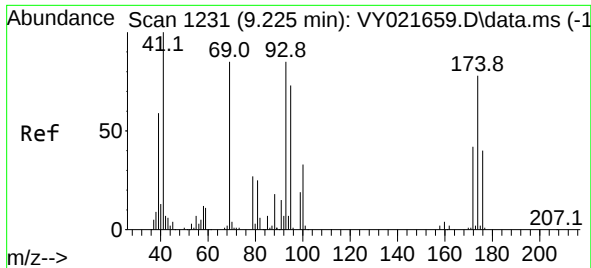
Reviewed By :Mahesh Dadoda 04/11/2025
Supervised By :Semsettin Yesilyurt 04/11/2025



#48
Methyl methacrylate
Concen: 46.806 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY021826.D
Acq: 10 Apr 2025 09:51

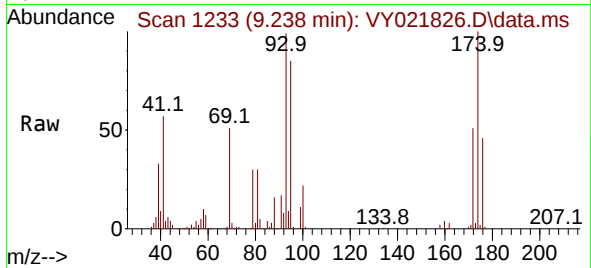
Tgt Ion: 41 Resp: 59911
Ion Ratio Lower Upper
41 100
69 88.2 69.8 104.8
39 57.9 47.2 70.8





#49
1,4-Dioxane
Concen: 895.567 ug/l
RT: 9.238 min Scan# 1233
Delta R.T. 0.012 min
Lab File: VY021826.D
Acq: 10 Apr 2025 09:51

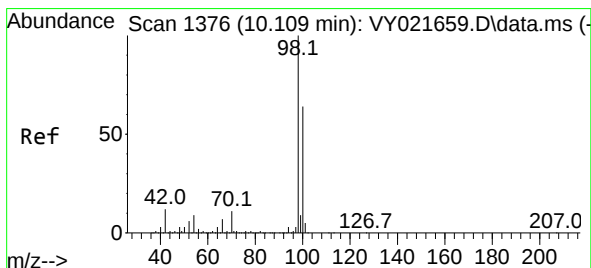
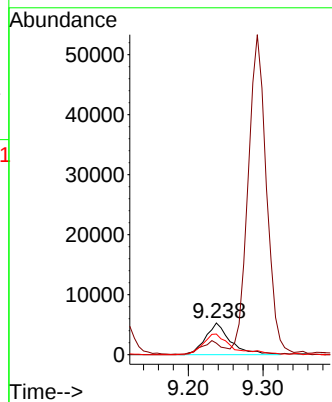
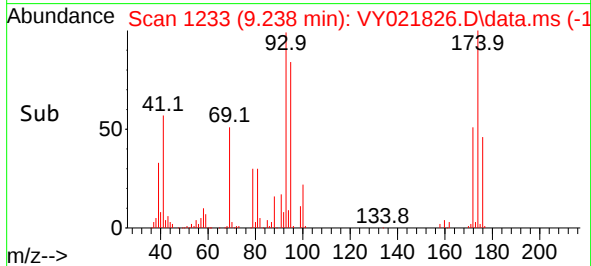
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 1222
Ion Ratio Lower Upper
88 100
43 36.0 28.8 43.2
58 75.6 59.4 89.2

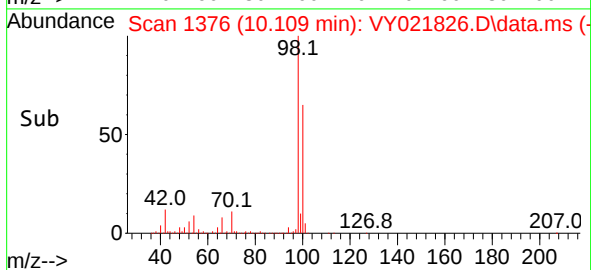
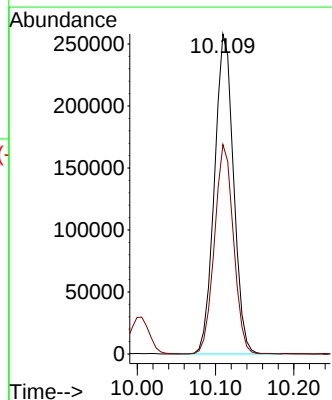
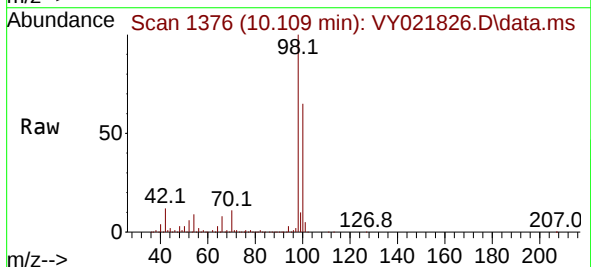
Manual Integrations
APPROVED

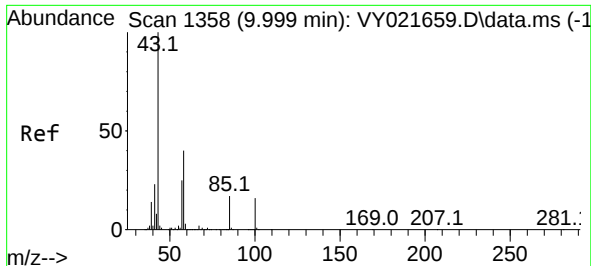
Reviewed By :Mahesh Dadoda 04/11/2025
Supervised By :Semsettin Yesilyurt 04/11/2025



#50
Toluene-d8
Concen: 56.094 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY021826.D
Acq: 10 Apr 2025 09:51

Tgt Ion: 98 Resp: 436882
Ion Ratio Lower Upper
98 100
100 65.1 52.1 78.1





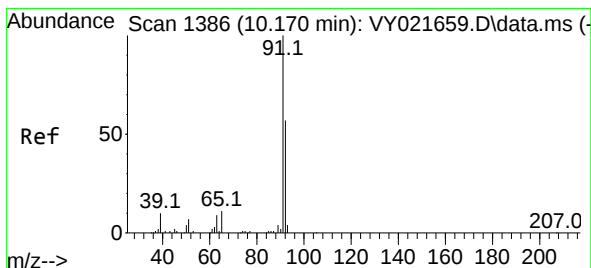
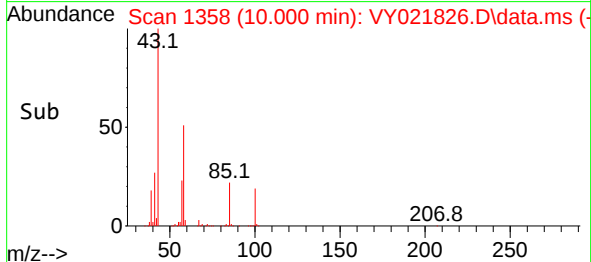
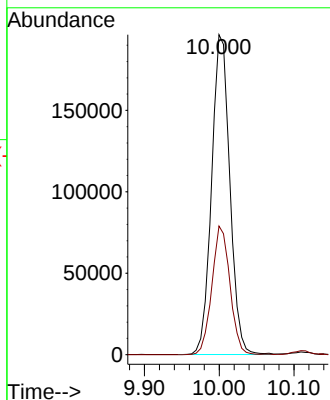
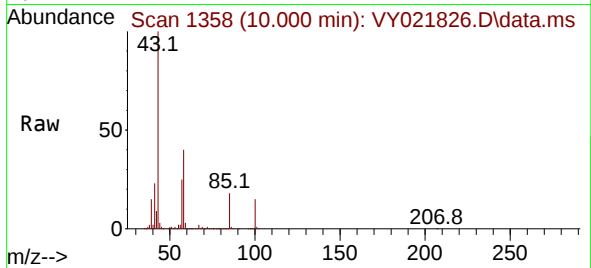
#51
4-Methyl-2-Pentanone
Concen: 229.648 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY021826.D
Acq: 10 Apr 2025 09:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 333294
Ion Ratio Lower Upper
43 100
58 39.8 31.5 47.3

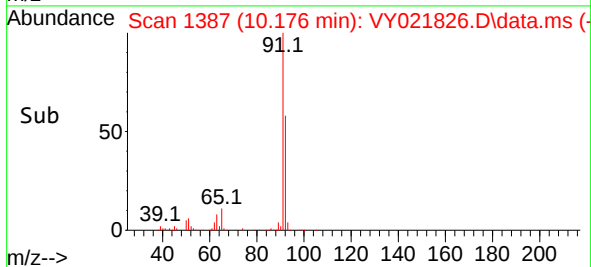
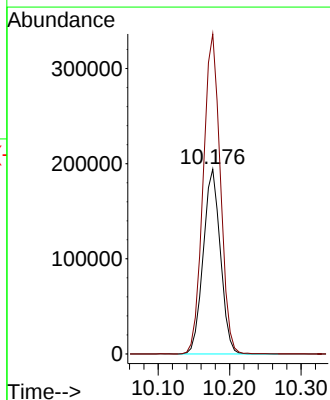
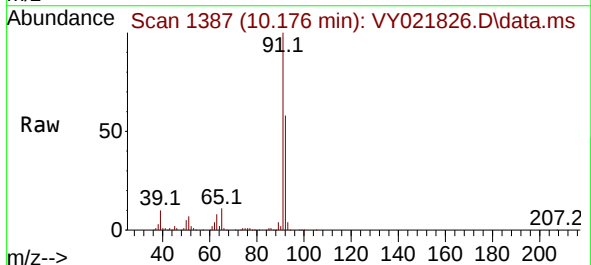
Manual Integrations
APPROVED

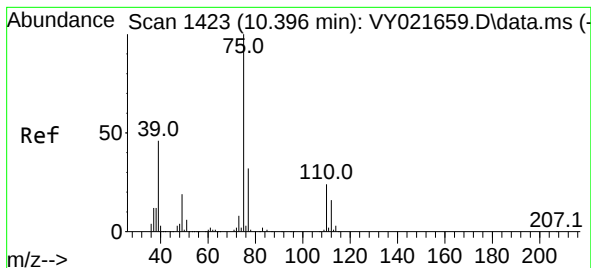
Reviewed By :Mahesh Dadoda 04/11/2025
Supervised By :Semsettin Yesilyurt 04/11/2025



#52
Toluene
Concen: 55.379 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. 0.006 min
Lab File: VY021826.D
Acq: 10 Apr 2025 09:51

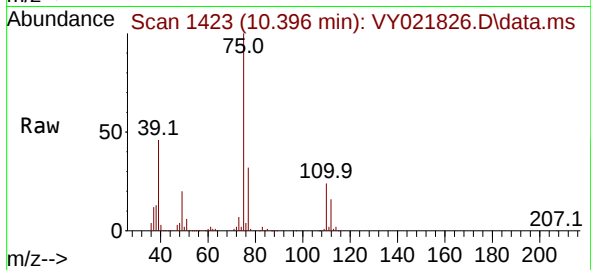
Tgt Ion: 92 Resp: 322657
Ion Ratio Lower Upper
92 100
91 173.3 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 50.659 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. 0.000 min
Lab File: VY021826.D
Acq: 10 Apr 2025 09:51

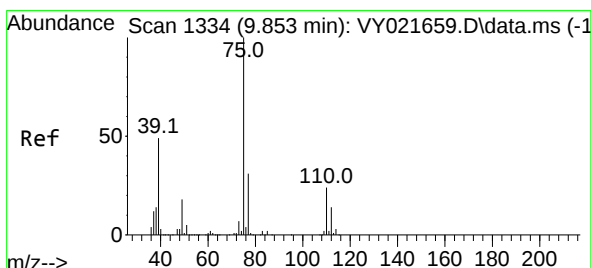
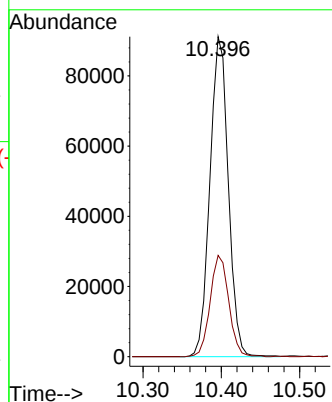
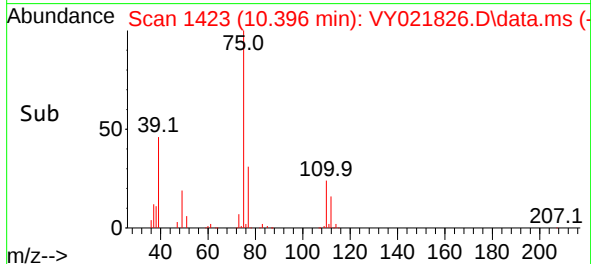
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 148534
Ion Ratio Lower Upper
75 100
77 31.7 25.3 37.9

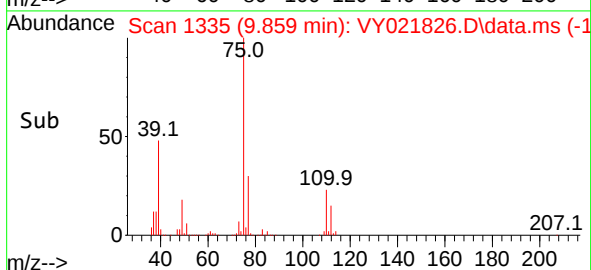
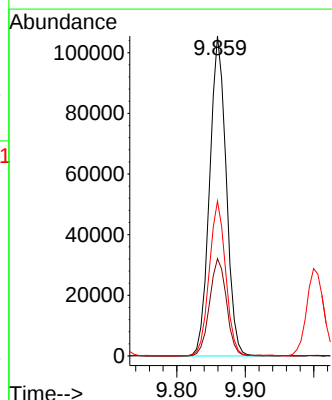
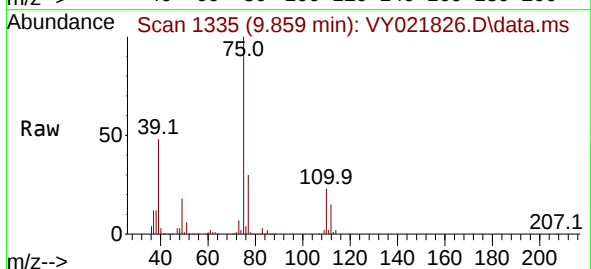
Manual Integrations
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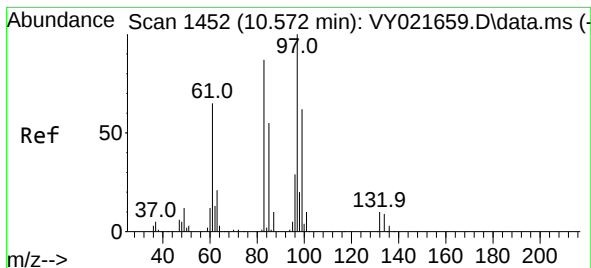
Reviewed By :Mahesh Dadoda 04/11/2025
Supervised By :Semsettin Yesilyurt 04/11/2025



#54
cis-1,3-Dichloropropene
Concen: 51.443 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.006 min
Lab File: VY021826.D
Acq: 10 Apr 2025 09:51

Tgt Ion: 75 Resp: 177943
Ion Ratio Lower Upper
75 100
77 30.4 24.9 37.3
39 48.3 39.2 58.8





#55

1,1,2-Trichloroethane

Concen: 50.986 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY021826.D

Acq: 10 Apr 2025 09:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 8358

Ion Ratio Lower Upper

97 100

83 85.6 69.5 104.3

85 54.1 43.9 65.9

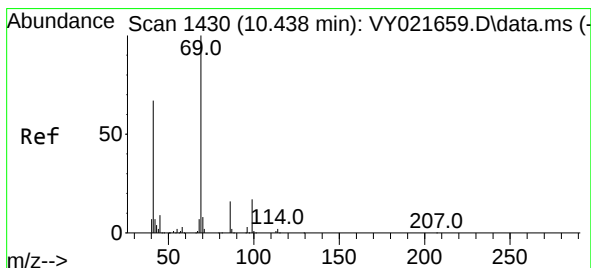
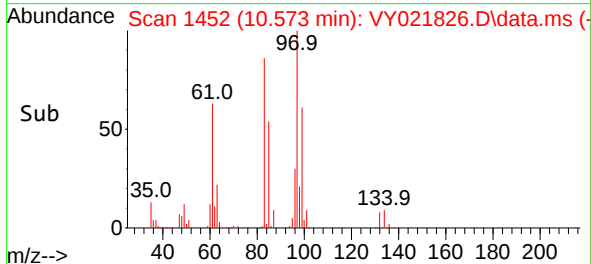
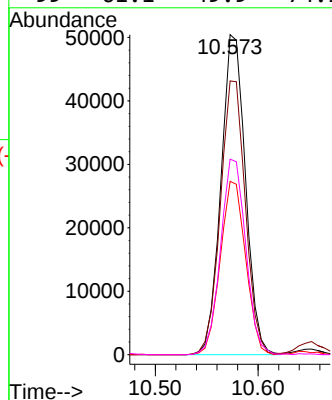
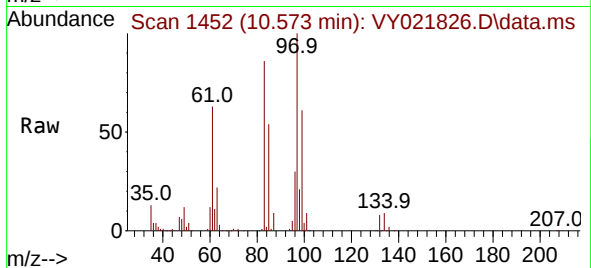
99 61.1 49.9 74.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/11/2025

Supervised By :Semsettin Yesilyurt 04/11/2025



#56

Ethyl methacrylate

Concen: 50.340 ug/l

RT: 10.445 min Scan# 1431

Delta R.T. 0.006 min

Lab File: VY021826.D

Acq: 10 Apr 2025 09:51

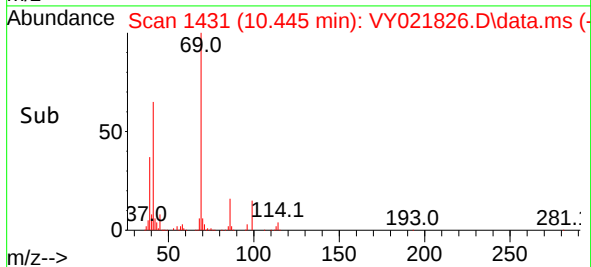
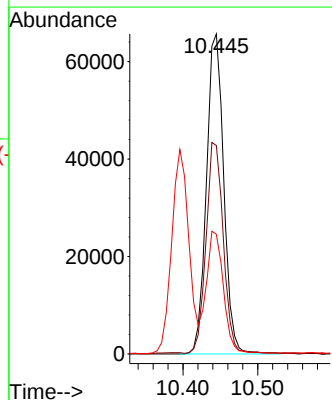
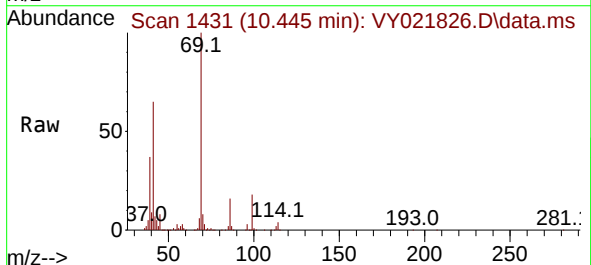
Tgt Ion: 69 Resp: 105379

Ion Ratio Lower Upper

69 100

41 66.1 53.8 80.6

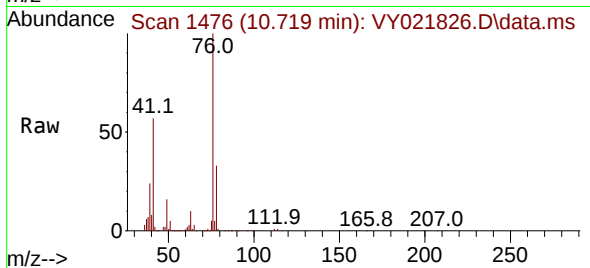
39 37.8 29.6 44.4





#57
1,3-Dichloropropane
Concen: 51.185 ug/l
RT: 10.719 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VY021826.D
Acq: 10 Apr 2025 09:51

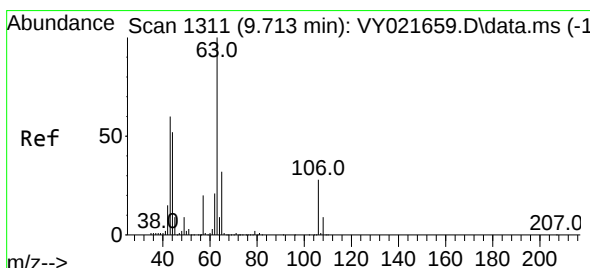
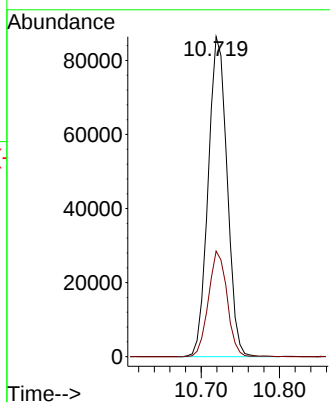
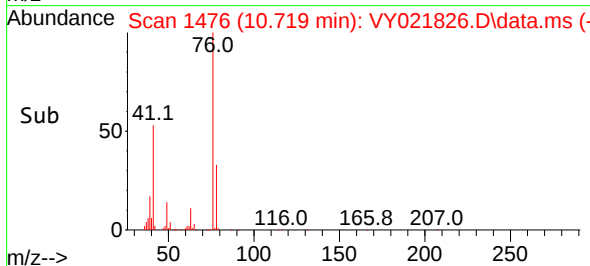
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 14492
Ion Ratio Lower Upper
76 100
78 32.5 25.8 38.8

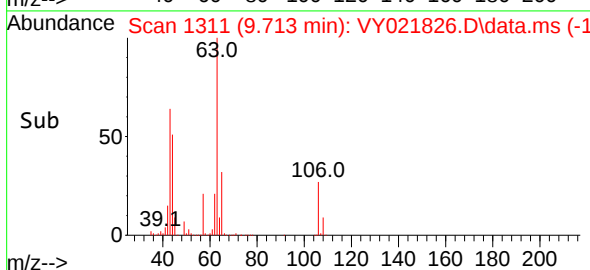
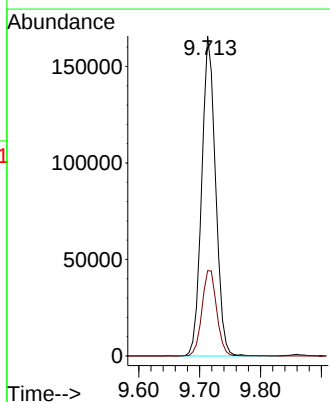
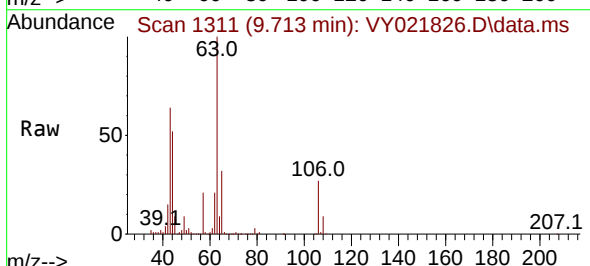
Manual Integrations
APPROVED

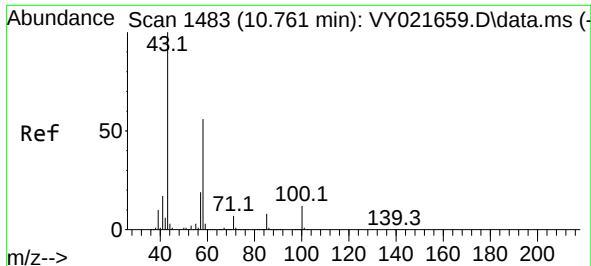
Reviewed By :Mahesh Dadoda 04/11/2025
Supervised By :Semsettin Yesilyurt 04/11/2025



#58
2-Chloroethyl Vinyl ether
Concen: 256.900 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VY021826.D
Acq: 10 Apr 2025 09:51

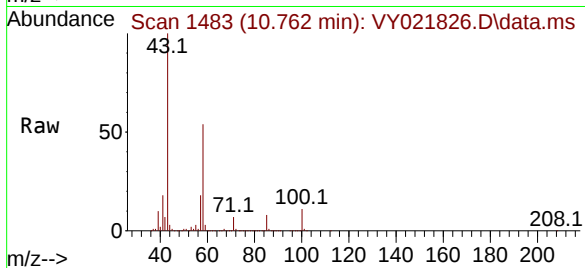
Tgt Ion: 63 Resp: 262347
Ion Ratio Lower Upper
63 100
106 28.4 22.4 33.6





#59
2-Hexanone
Concen: 236.540 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY021826.D
Acq: 10 Apr 2025 09:51

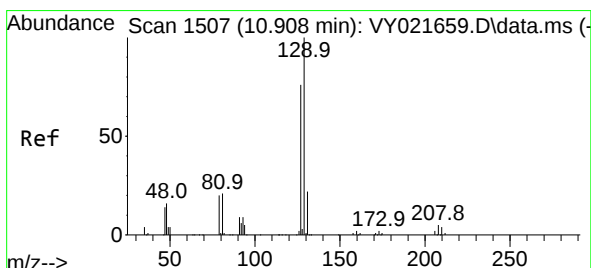
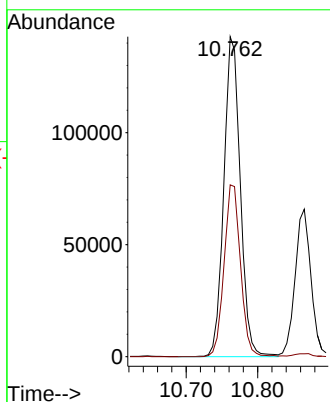
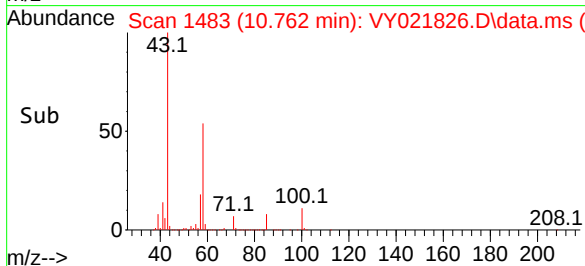
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



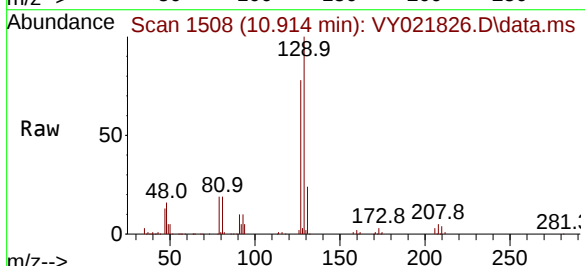
Tgt Ion: 43 Resp: 228630
Ion Ratio Lower Upper
43 100
58 53.6 27.2 81.5

Manual Integrations
APPROVED

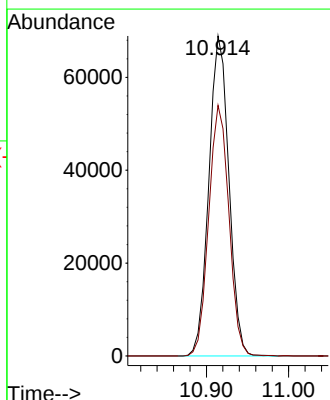
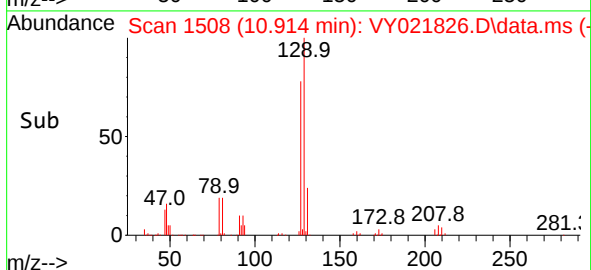
Reviewed By :Mahesh Dadoda 04/11/2025
Supervised By :Semsettin Yesilyurt 04/11/2025

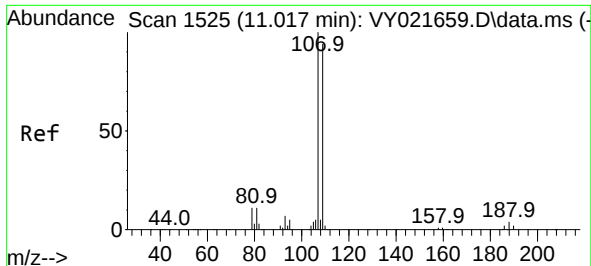


#60
Dibromochloromethane
Concen: 52.111 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY021826.D
Acq: 10 Apr 2025 09:51



Tgt Ion:129 Resp: 116641
Ion Ratio Lower Upper
129 100
127 79.0 38.6 115.7





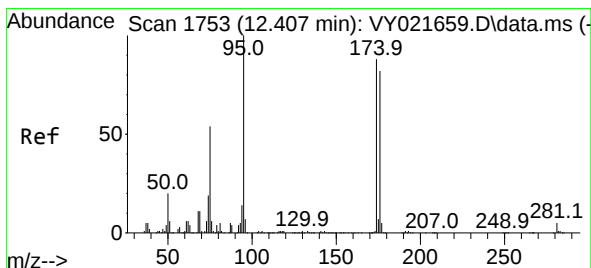
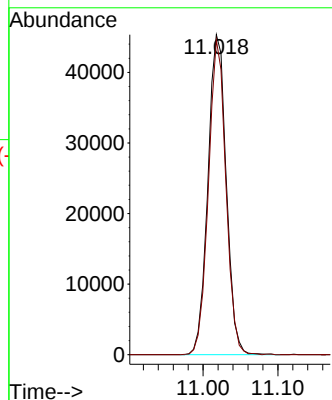
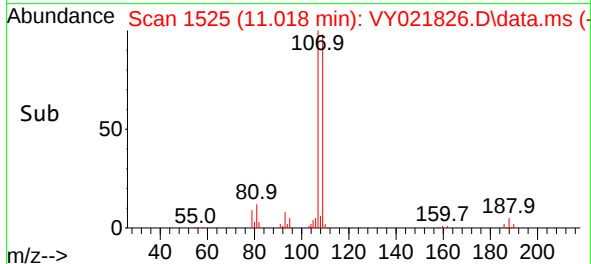
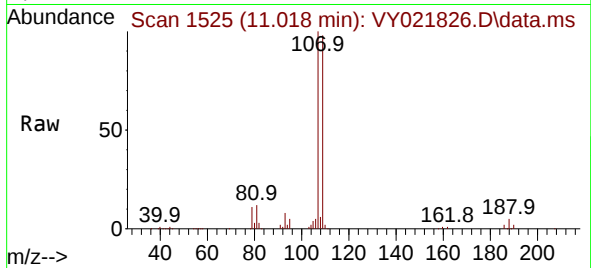
#61
1,2-Dibromoethane
Concen: 50.169 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY021826.D
Acq: 10 Apr 2025 09:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 7715
Ion Ratio Lower Upper
107 100
109 93.7 74.4 111.6

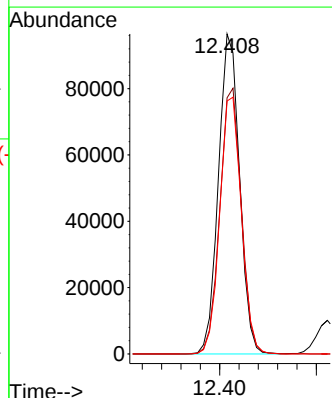
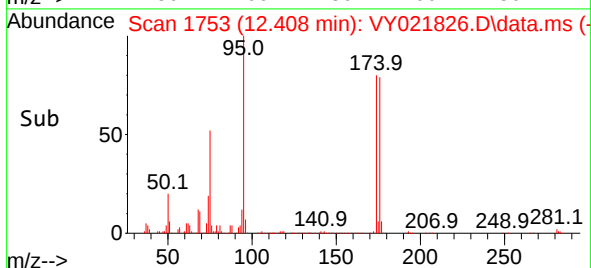
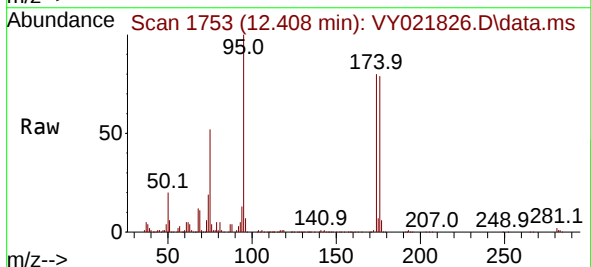
Manual Integrations
APPROVED

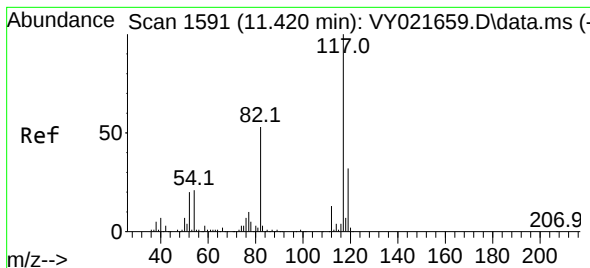
Reviewed By :Mahesh Dadoda 04/11/2025
Supervised By :Semsettin Yesilyurt 04/11/2025



#62
4-Bromofluorobenzene
Concen: 55.404 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021826.D
Acq: 10 Apr 2025 09:51

Tgt Ion: 95 Resp: 145955
Ion Ratio Lower Upper
95 100
174 84.4 0.0 170.8
176 82.1 0.0 162.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021826.D

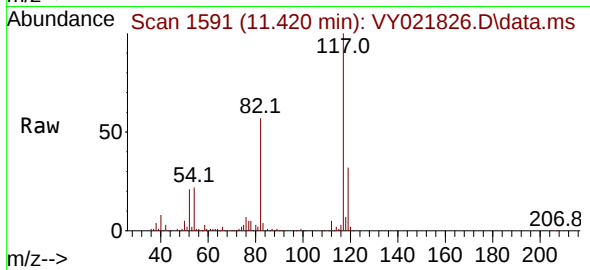
Acq: 10 Apr 2025 09:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050



Tgt Ion:117 Resp: 28470

Ion Ratio Lower Upper

117 100

82 57.4 42.8 64.2

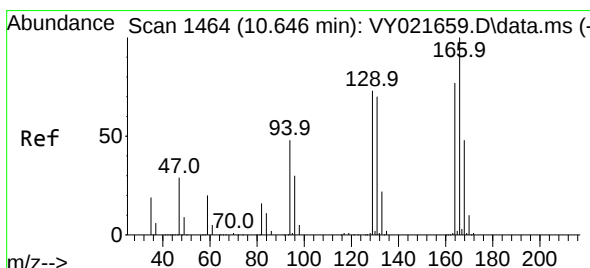
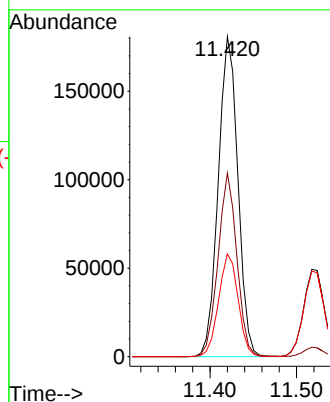
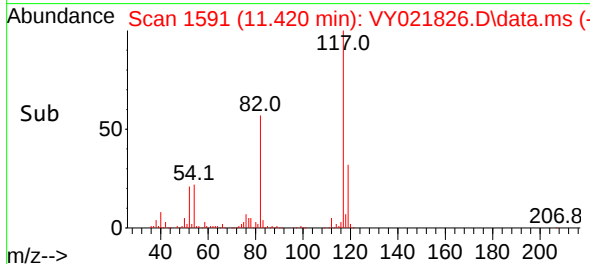
119 32.1 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/11/2025

Supervised By :Semsettin Yesilyurt 04/11/2025



#64

Tetrachloroethene

Concen: 52.948 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VY021826.D

Acq: 10 Apr 2025 09:51

Tgt Ion:164 Resp: 137294

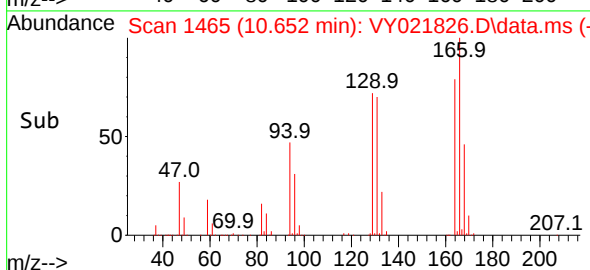
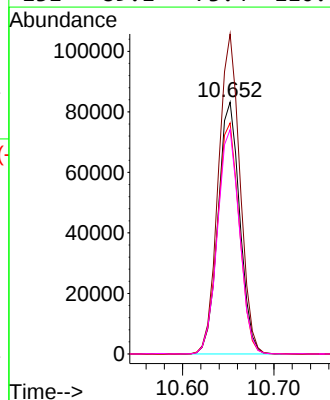
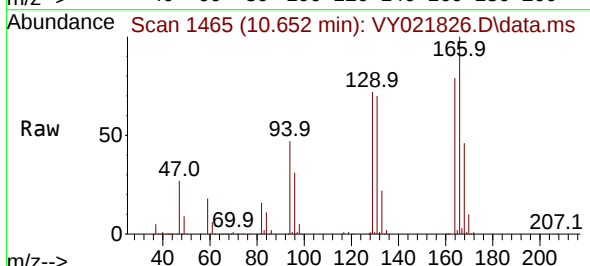
Ion Ratio Lower Upper

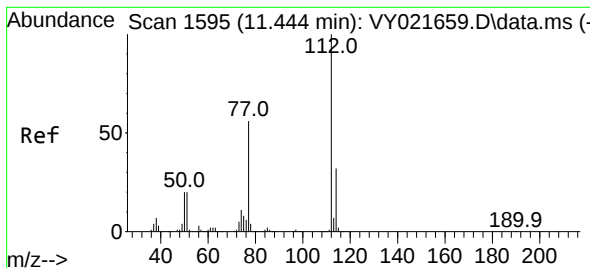
164 100

166 127.0 104.6 156.8

129 91.7 76.6 114.8

131 89.1 73.4 110.0





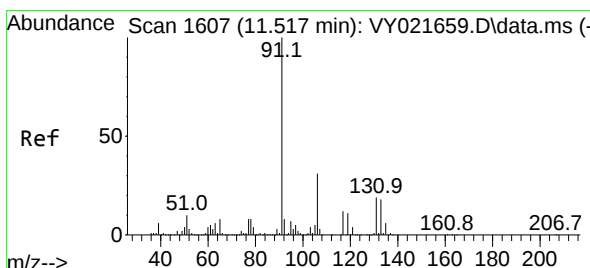
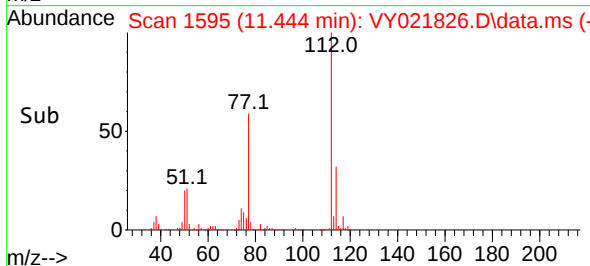
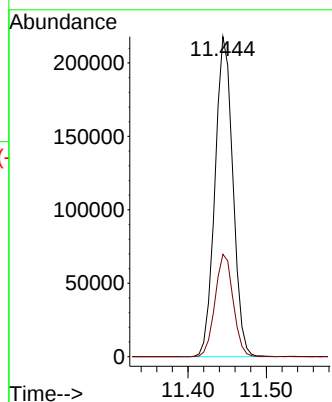
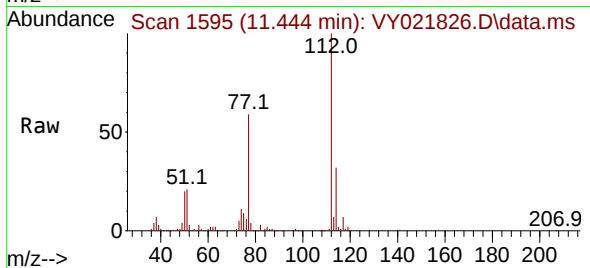
#65
Chlorobenzene
Concen: 53.067 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VY021826.D
Acq: 10 Apr 2025 09:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 346329
Ion Ratio Lower Upper
112 100
114 32.0 25.9 38.9

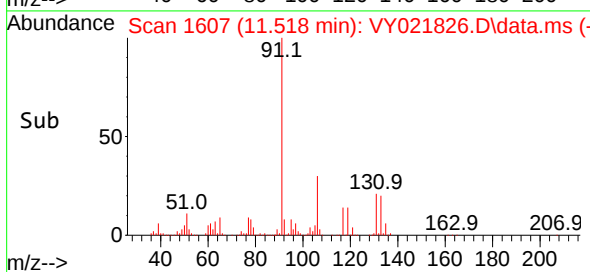
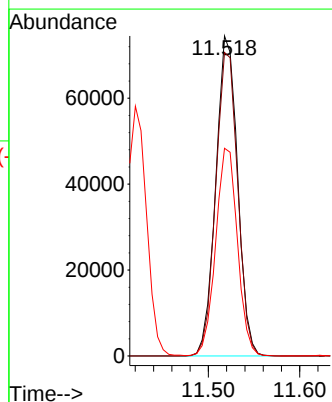
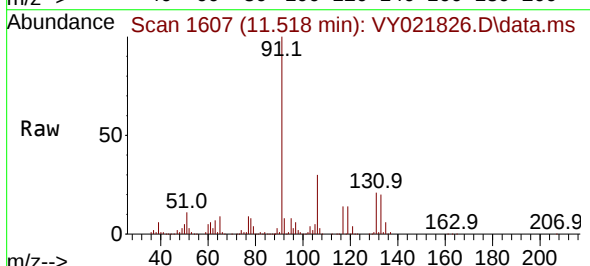
Manual Integrations
APPROVED

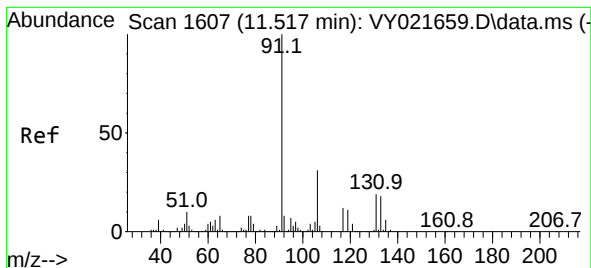
Reviewed By :Mahesh Dadoda 04/11/2025
Supervised By :Semsettin Yesilyurt 04/11/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 53.290 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021826.D
Acq: 10 Apr 2025 09:51

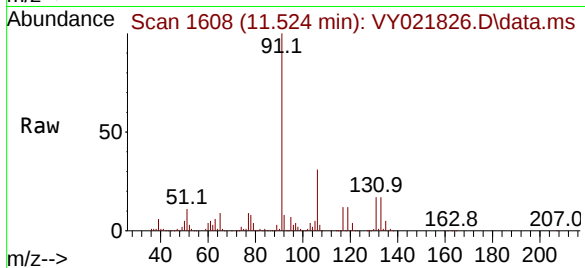
Tgt Ion:131 Resp: 123394
Ion Ratio Lower Upper
131 100
133 95.8 47.3 141.8
119 65.1 31.6 95.0





#67
Ethyl Benzene
Concen: 55.100 ug/l
RT: 11.524 min Scan# 1608
Delta R.T. 0.006 min
Lab File: VY021826.D
Acq: 10 Apr 2025 09:51

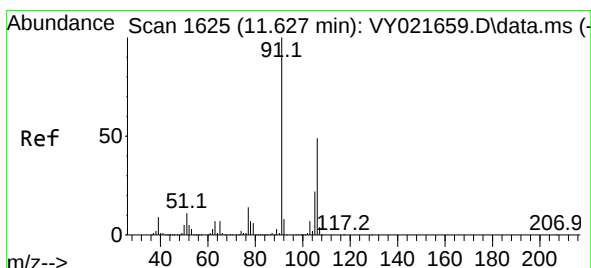
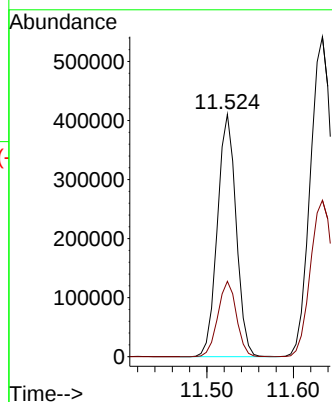
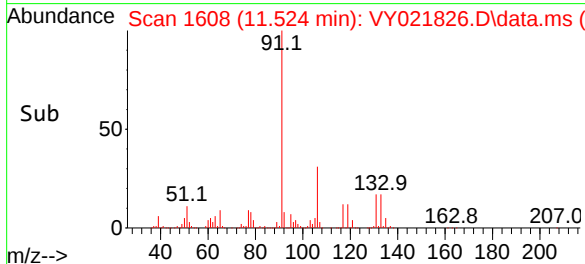
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 61662
Ion Ratio Lower Upper
91 100
106 31.1 24.6 36.8

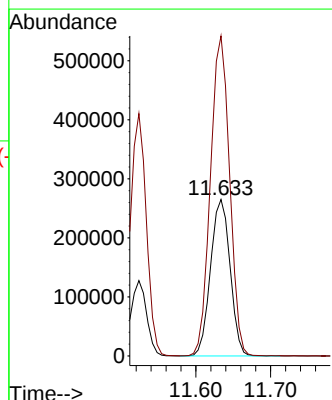
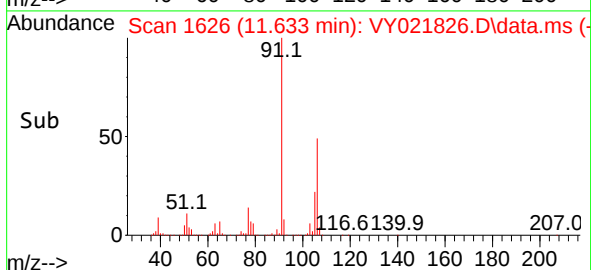
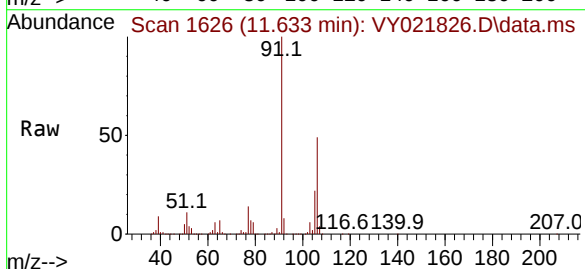
Manual Integrations
APPROVED

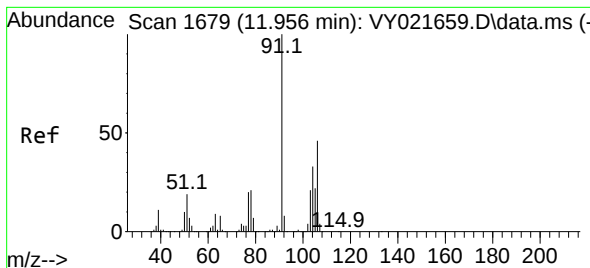
Reviewed By :Mahesh Dadoda 04/11/2025
Supervised By :Semsettin Yesilyurt 04/11/2025



#68
m/p-Xylenes
Concen: 112.386 ug/l
RT: 11.633 min Scan# 1626
Delta R.T. 0.006 min
Lab File: VY021826.D
Acq: 10 Apr 2025 09:51

Tgt Ion:106 Resp: 481618
Ion Ratio Lower Upper
106 100
91 200.7 162.4 243.6





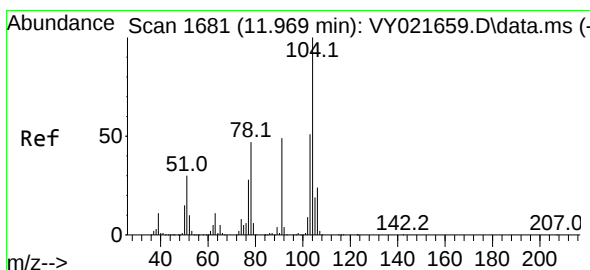
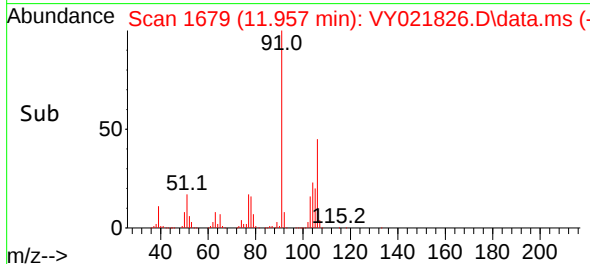
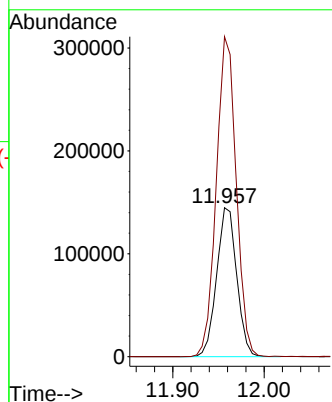
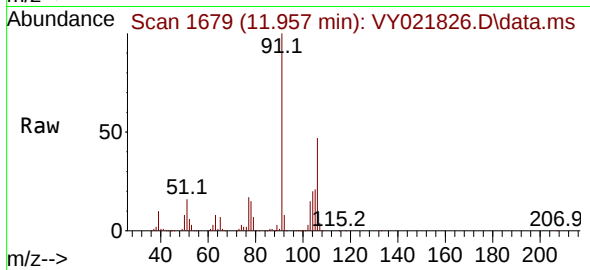
#69
o-Xylene
Concen: 55.882 ug/l
RT: 11.957 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY021826.D
Acq: 10 Apr 2025 09:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 22105
Ion Ratio Lower Upper
106 100
91 213.6 106.7 319.9

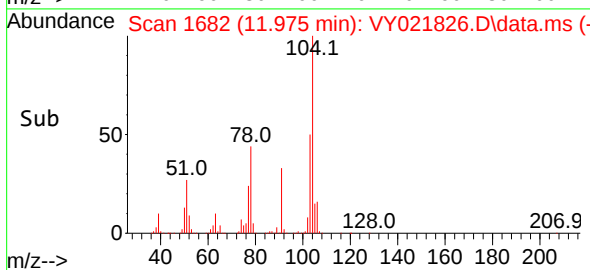
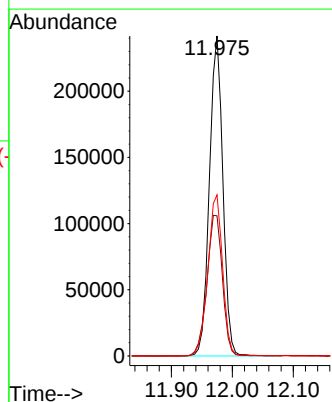
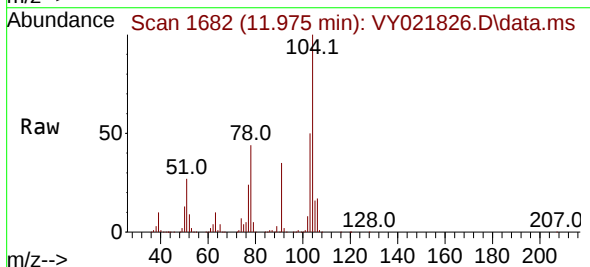
Manual Integrations
APPROVED

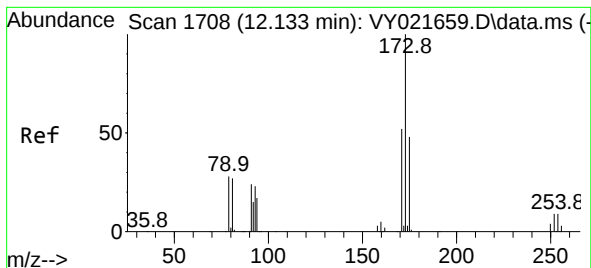
Reviewed By :Mahesh Dadoda 04/11/2025
Supervised By :Semsettin Yesilyurt 04/11/2025



#70
Styrene
Concen: 56.350 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. 0.006 min
Lab File: VY021826.D
Acq: 10 Apr 2025 09:51

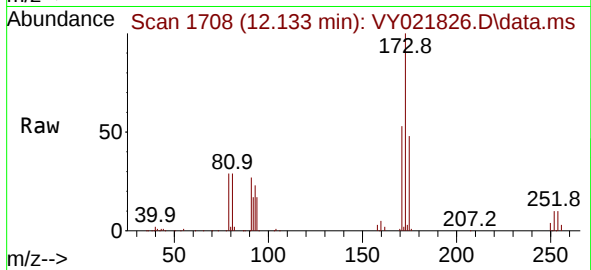
Tgt Ion:104 Resp: 371659
Ion Ratio Lower Upper
104 100
78 50.6 40.8 61.2
103 55.1 44.2 66.2





#71
Bromoform
Concen: 48.974 ug/l
RT: 12.133 min Scan# 1708
Delta R.T. 0.000 min
Lab File: VY021826.D
Acq: 10 Apr 2025 09:51

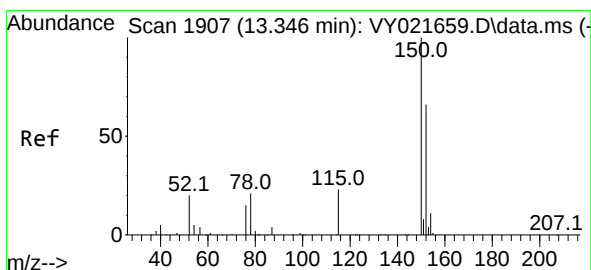
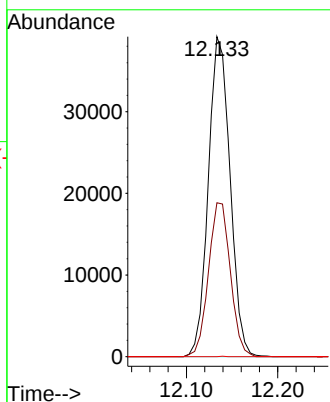
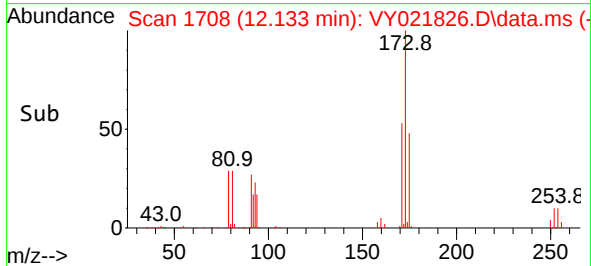
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



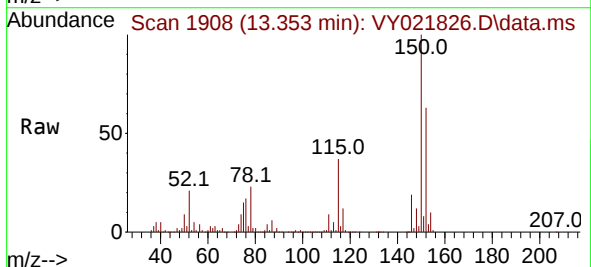
Tgt Ion:173 Resp: 64680
Ion Ratio Lower Upper
173 100
175 48.4 24.3 73.0
254 0.0 0.1 0.1

Manual Integrations
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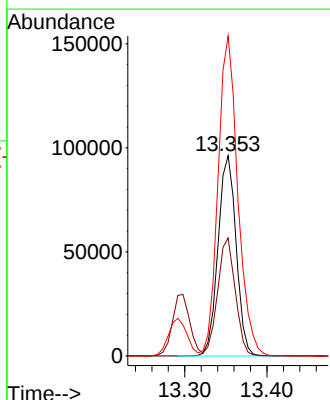
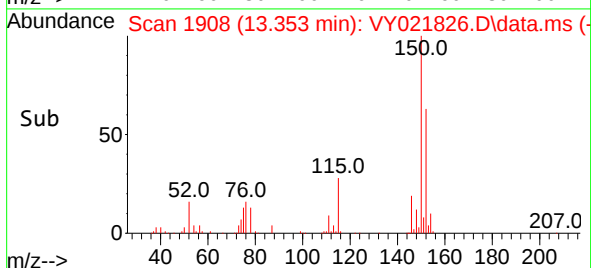
Reviewed By :Mahesh Dadoda 04/11/2025
Supervised By :Semsettin Yesilyurt 04/11/2025

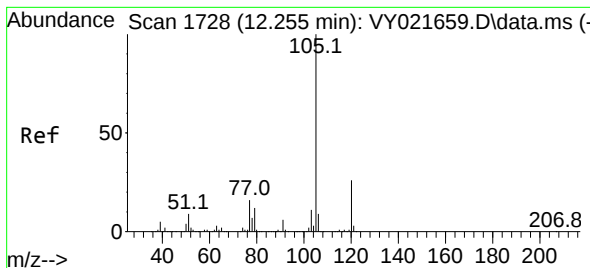


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.353 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VY021826.D
Acq: 10 Apr 2025 09:51



Tgt Ion:152 Resp: 147243
Ion Ratio Lower Upper
152 100
115 57.3 28.8 86.5
150 174.7 0.0 348.4





#73

Isopropylbenzene

Concen: 53.665 ug/l

RT: 12.261 min Scan# 1729

Delta R.T. 0.006 min

Lab File: VY021826.D

Acq: 10 Apr 2025 09:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 58689

Ion Ratio Lower Upper

105 100

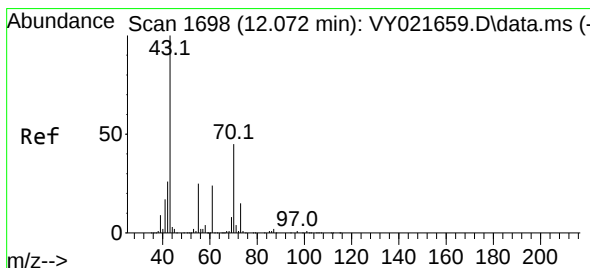
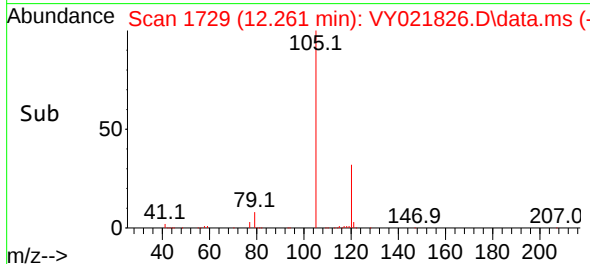
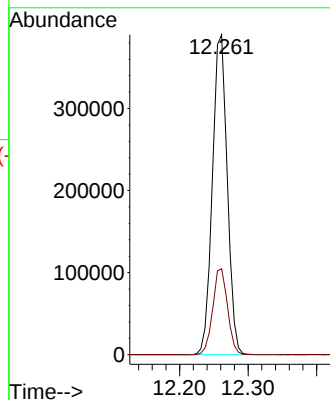
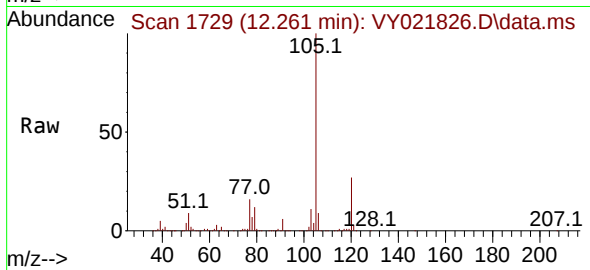
120 26.8 13.2 39.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/11/2025

Supervised By :Semsettin Yesilyurt 04/11/2025



#74

N-amy1 acetate

Concen: 44.675 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY021826.D

Acq: 10 Apr 2025 09:51

Tgt Ion: 43 Resp: 114664

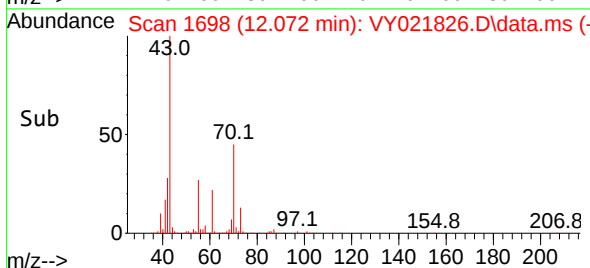
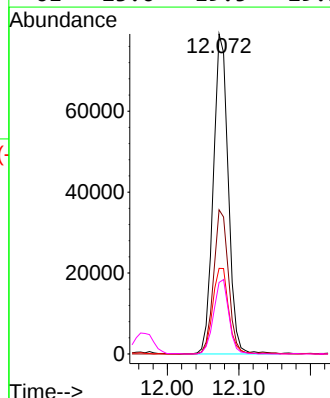
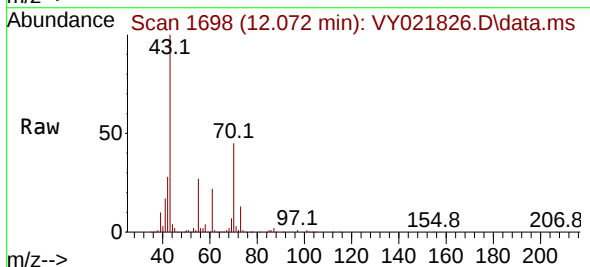
Ion Ratio Lower Upper

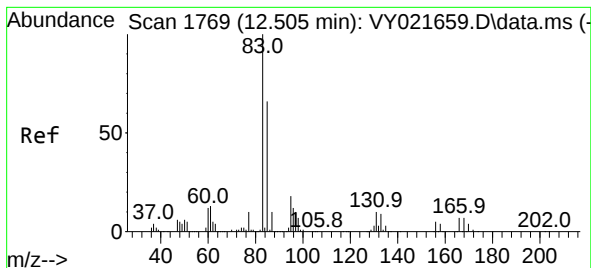
43 100

70 44.6 34.7 52.1

55 28.7 21.2 31.8

61 23.6 19.5 29.3





#75

1,1,2,2-Tetrachloroethane

Concen: 45.317 ug/l

RT: 12.511 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY021826.D

Acq: 10 Apr 2025 09:51

Instrument :

MSVOA_Y

ClientSampleId :

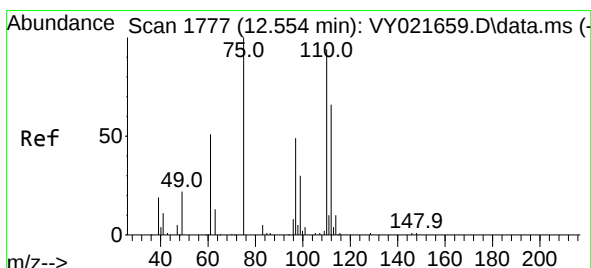
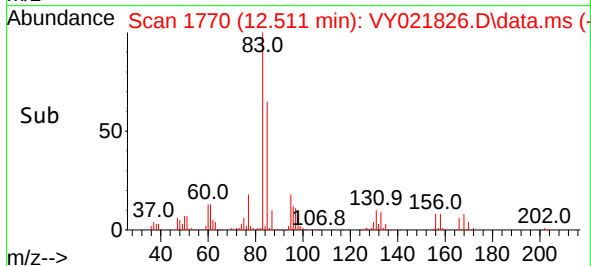
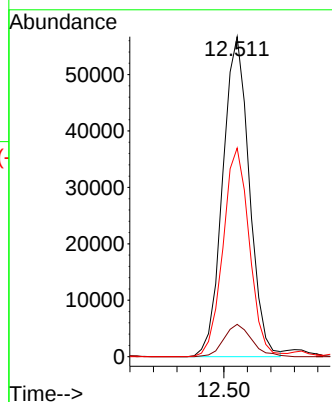
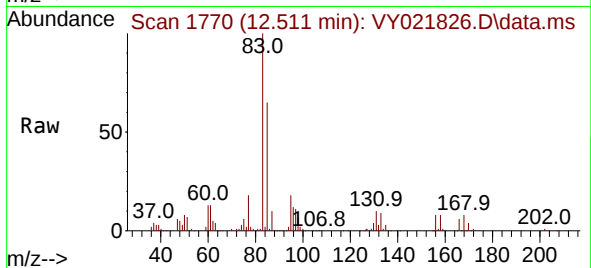
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
83	100		
131	10.6	5.1	15.3
85	64.7	32.3	96.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/11/2025
Supervised By :Semsettin Yesilyurt 04/11/2025



#76

1,2,3-Trichloropropane

Concen: 42.706 ug/l m

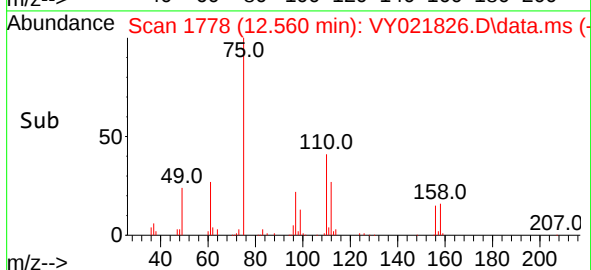
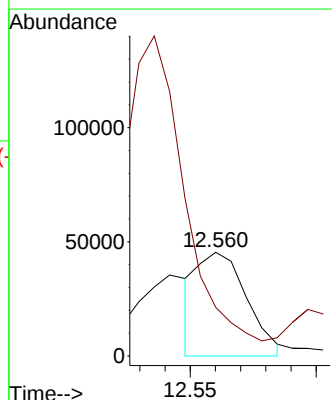
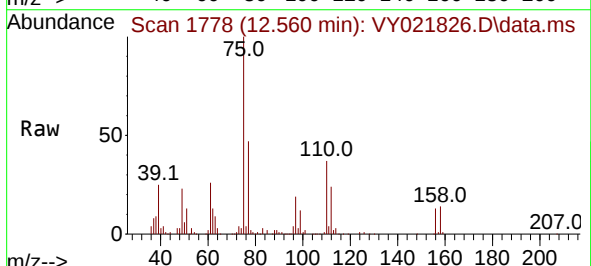
RT: 12.560 min Scan# 1778

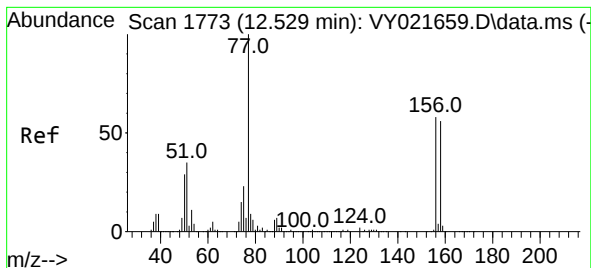
Delta R.T. 0.006 min

Lab File: VY021826.D

Acq: 10 Apr 2025 09:51

Tgt Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 51.997 ug/l

RT: 12.536 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VY021826.D

Acq: 10 Apr 2025 09:51

Instrument :

MSVOA_Y

ClientSampleId :

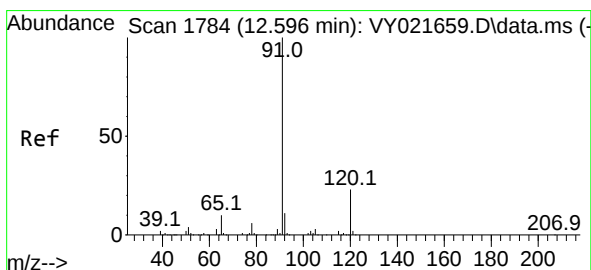
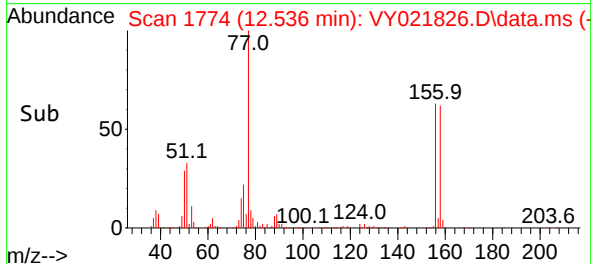
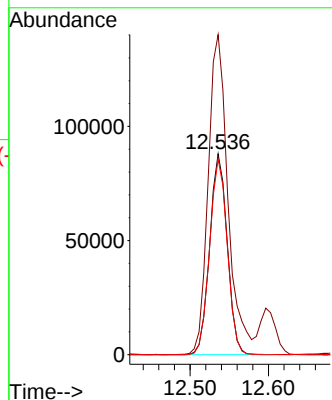
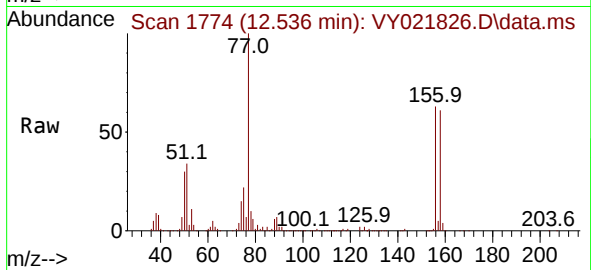
VSTDCCC050

Tgt Ion:	156	Resp:	13653
Ion Ratio	Lower	Upper	
156	100		
77	179.5	92.8	278.3
158	98.0	48.5	145.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/11/2025
Supervised By :Semsettin Yesilyurt 04/11/2025



#78

n-propylbenzene

Concen: 54.847 ug/l

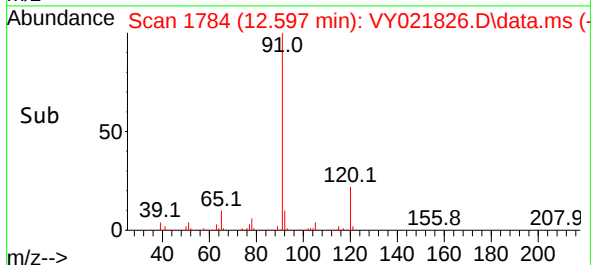
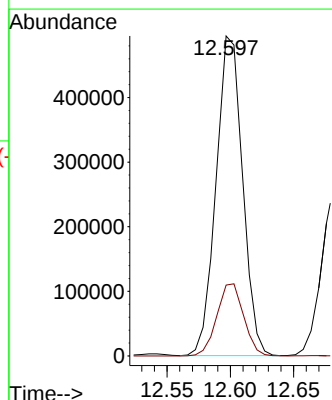
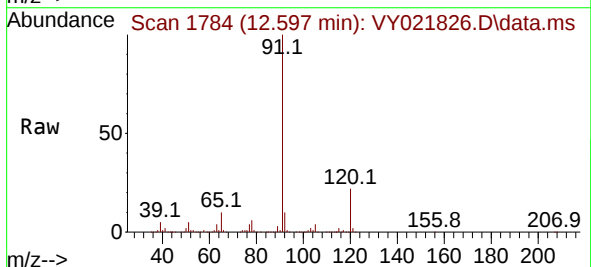
RT: 12.597 min Scan# 1784

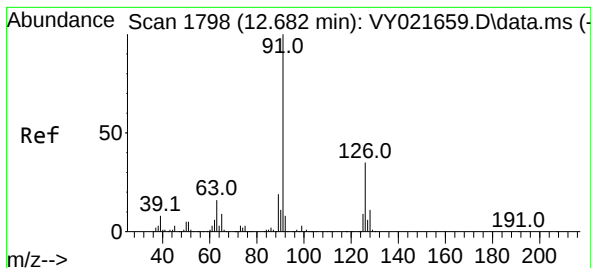
Delta R.T. 0.000 min

Lab File: VY021826.D

Acq: 10 Apr 2025 09:51

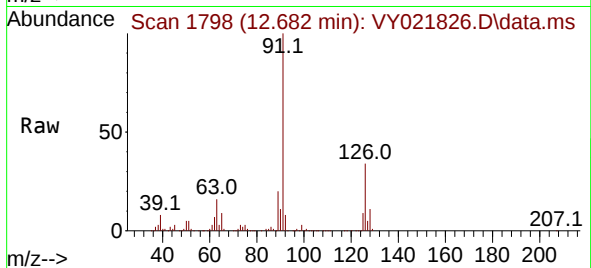
Tgt Ion:	91	Resp:	721133
Ion Ratio	Lower	Upper	
91	100		
120	22.8	11.3	33.9





#79
2-Chlorotoluene
Concen: 53.445 ug/l
RT: 12.682 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021826.D
Acq: 10 Apr 2025 09:51

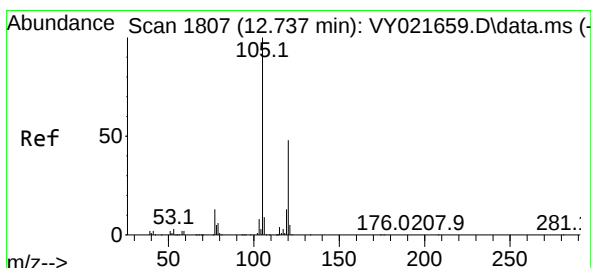
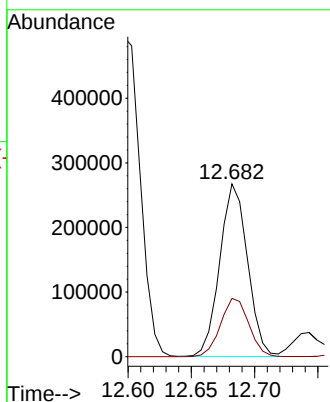
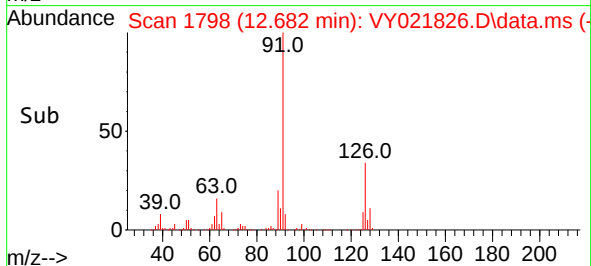
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



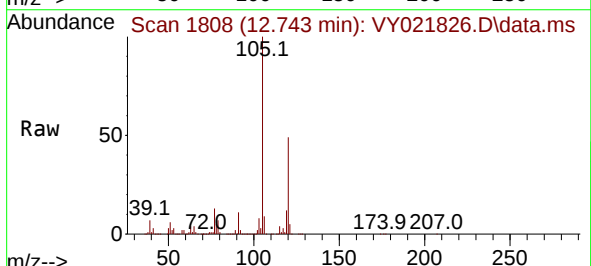
Tgt Ion: 91 Resp: 40814
Ion Ratio Lower Upper
91 100
126 34.4 17.3 52.0

Manual Integrations
APPROVED

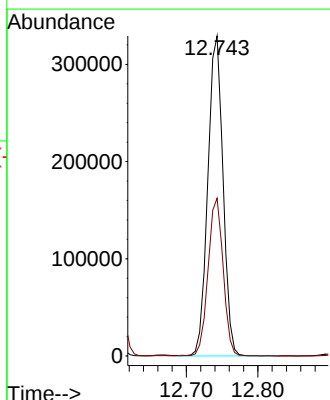
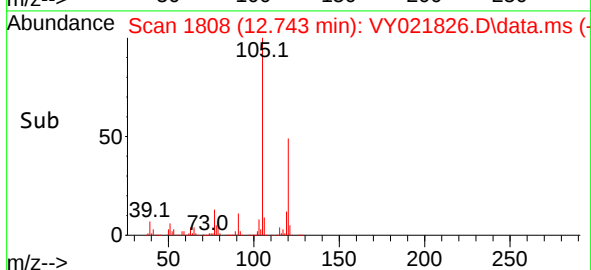
Reviewed By :Mahesh Dadoda 04/11/2025
Supervised By :Semsettin Yesilyurt 04/11/2025

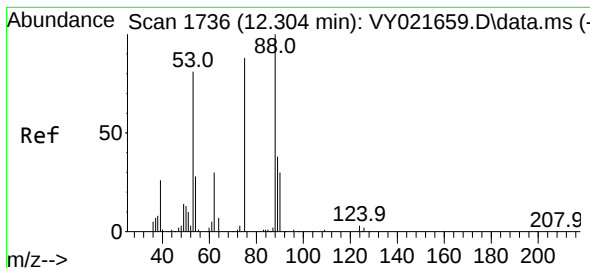


#80
1,3,5-Trimethylbenzene
Concen: 54.278 ug/l
RT: 12.743 min Scan# 1808
Delta R.T. 0.006 min
Lab File: VY021826.D
Acq: 10 Apr 2025 09:51



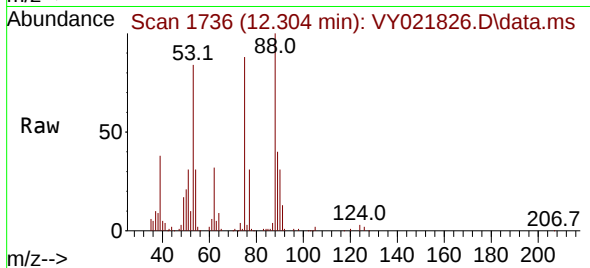
Tgt Ion:105 Resp: 485142
Ion Ratio Lower Upper
105 100
120 49.0 24.5 73.5





#81
trans-1,4-Dichloro-2-butene
Concen: 42.266 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY021826.D
Acq: 10 Apr 2025 09:51

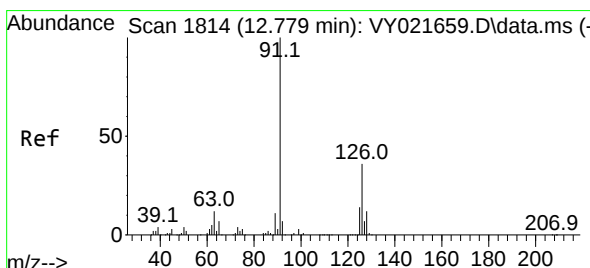
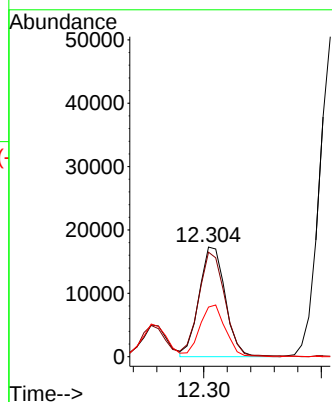
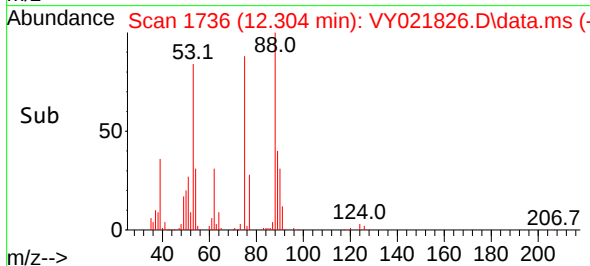
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 2677
Ion Ratio Lower Upper
75 100
53 96.3 76.1 114.1
89 46.0 36.2 54.4

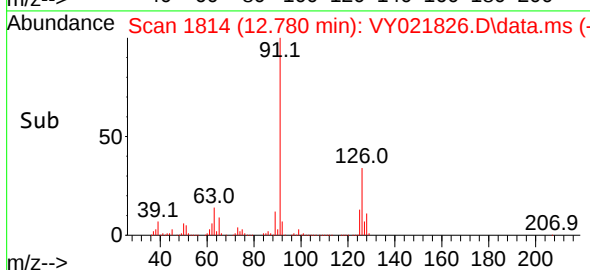
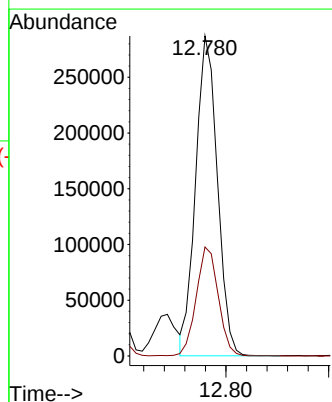
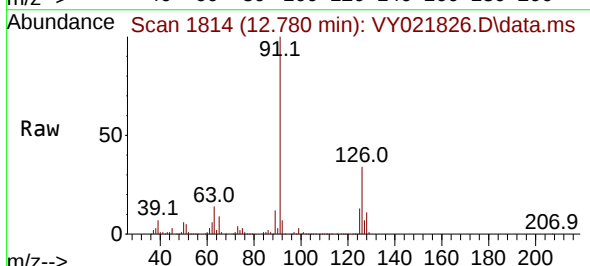
Manual Integrations
APPROVED

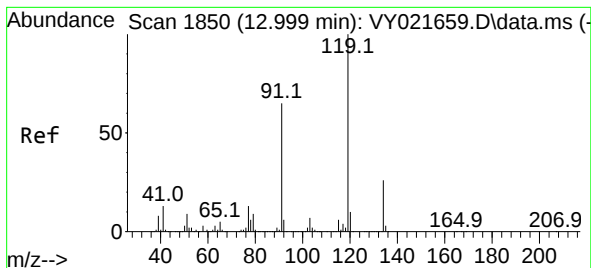
Reviewed By :Mahesh Dadoda 04/11/2025
Supervised By :Semsettin Yesilyurt 04/11/2025



#82
4-Chlorotoluene
Concen: 53.027 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021826.D
Acq: 10 Apr 2025 09:51

Tgt Ion: 91 Resp: 422172
Ion Ratio Lower Upper
91 100
126 34.6 17.0 50.9





#83

tert-Butylbenzene

Concen: 54.672 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY021826.D

Acq: 10 Apr 2025 09:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:119 Resp: 43525

Ion Ratio Lower Upper

119 100

91 64.1 32.6 97.7

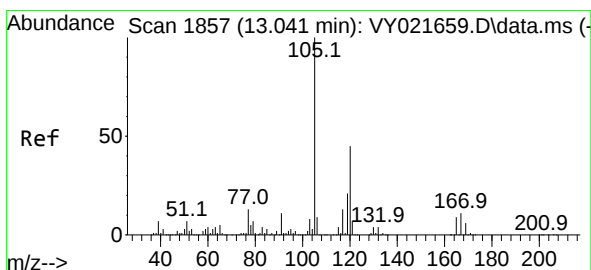
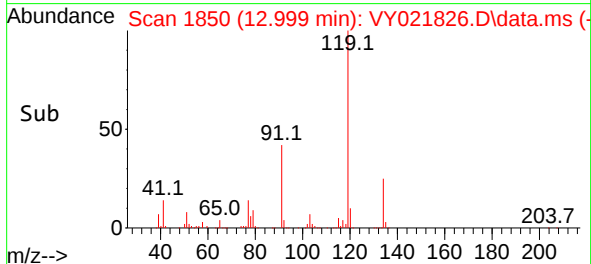
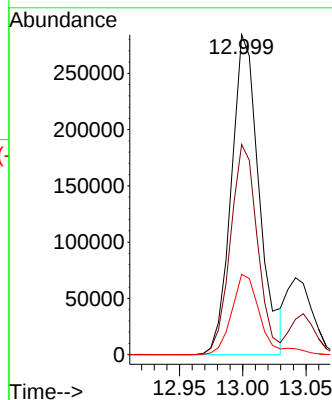
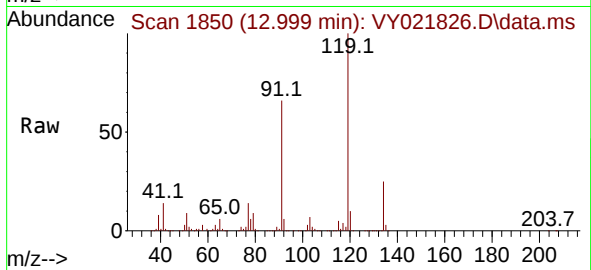
134 25.9 13.2 39.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/11/2025

Supervised By :Semsettin Yesilyurt 04/11/2025



#84

1,2,4-Trimethylbenzene

Concen: 55.258 ug/l

RT: 13.048 min Scan# 1858

Delta R.T. 0.006 min

Lab File: VY021826.D

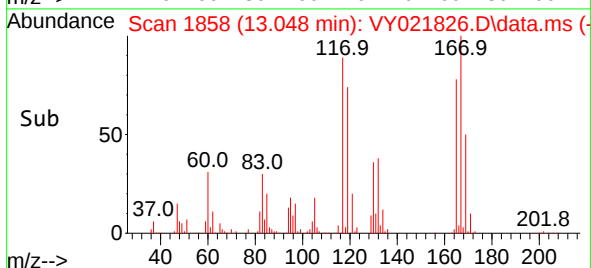
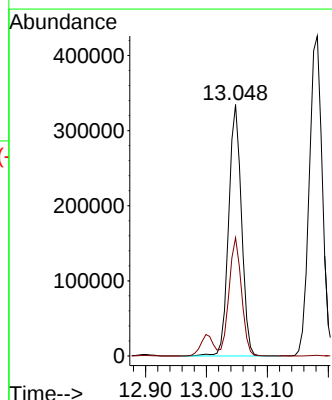
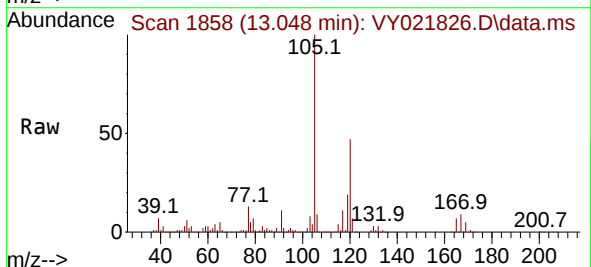
Acq: 10 Apr 2025 09:51

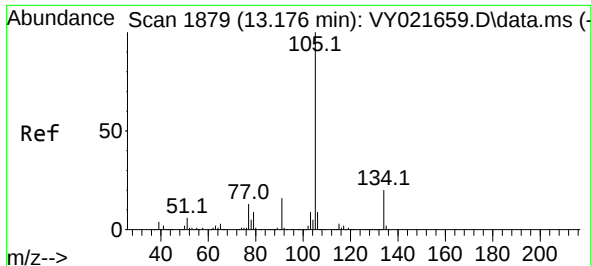
Tgt Ion:105 Resp: 488158

Ion Ratio Lower Upper

105 100

120 45.9 22.7 68.1





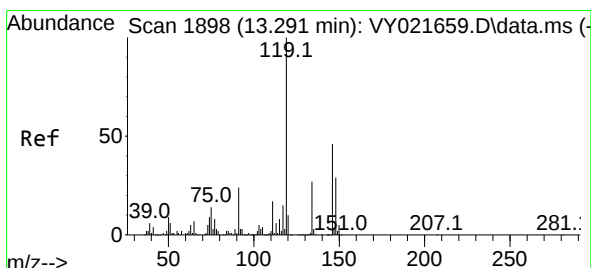
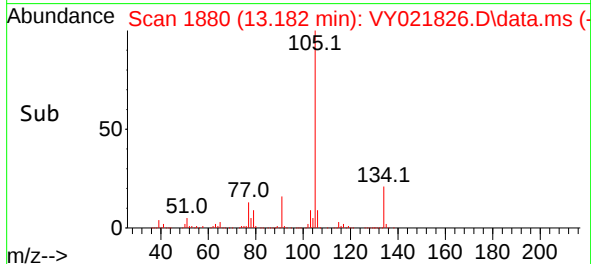
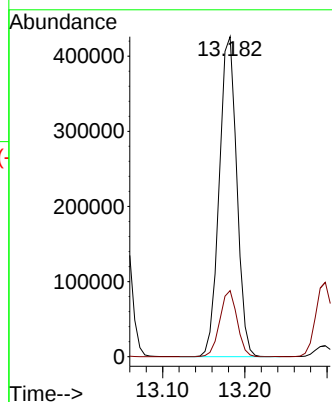
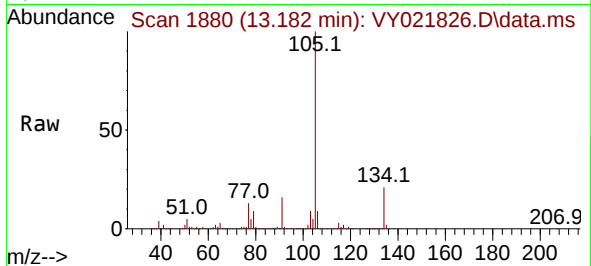
#85
 sec-Butylbenzene
 Concen: 54.179 ug/l
 RT: 13.182 min Scan# 1880
 Delta R.T. 0.006 min
 Lab File: VY021826.D
 Acq: 10 Apr 2025 09:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 63034
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.1 30.1

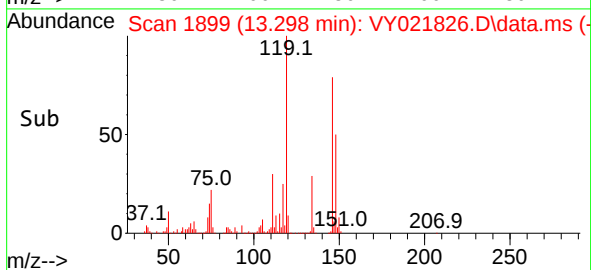
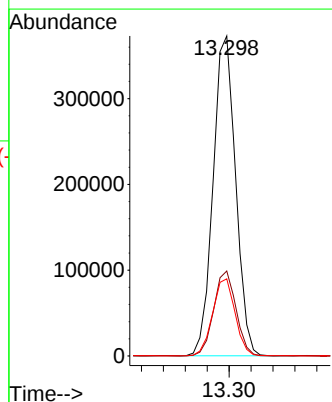
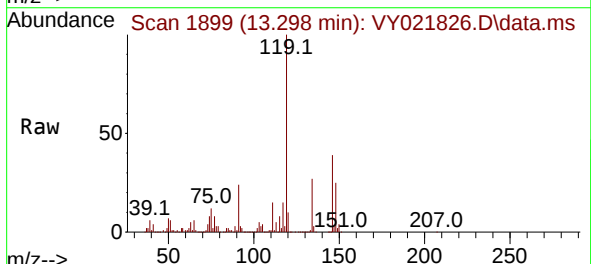
Manual Integrations
 APPROVED

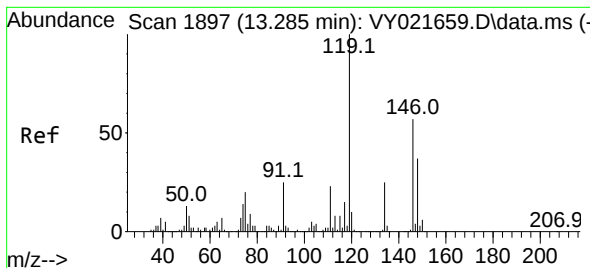
Reviewed By :Mahesh Dadoda 04/11/2025
 Supervised By :Semsettin Yesilyurt 04/11/2025



#86
 p-Isopropyltoluene
 Concen: 55.390 ug/l
 RT: 13.298 min Scan# 1899
 Delta R.T. 0.006 min
 Lab File: VY021826.D
 Acq: 10 Apr 2025 09:51

Tgt Ion:119 Resp: 532622
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.2 39.5
 91 24.0 12.0 36.0





#87

1,3-Dichlorobenzene

Concen: 53.165 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.006 min

Lab File: VY021826.D

Acq: 10 Apr 2025 09:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 27504

Ion Ratio Lower Upper

146 100

111 39.6 20.0 60.0

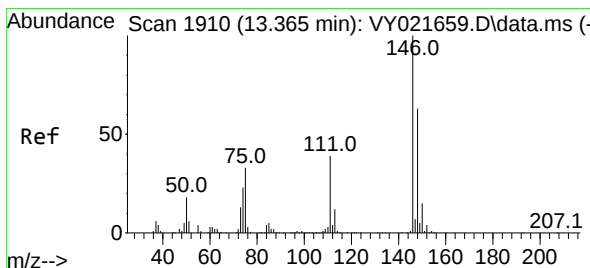
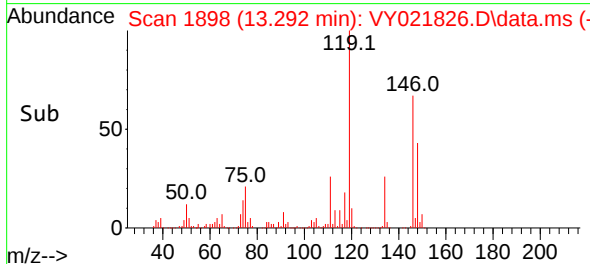
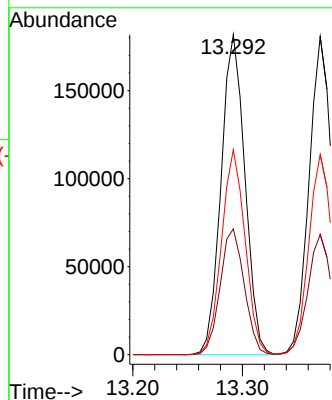
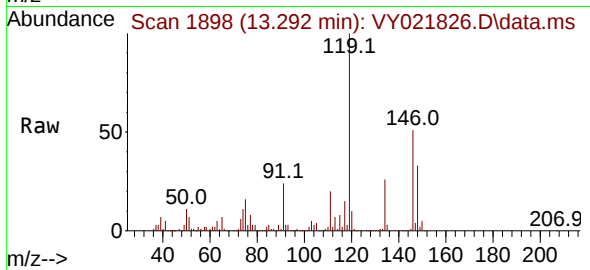
148 63.4 31.8 95.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/11/2025

Supervised By :Semsettin Yesilyurt 04/11/2025



#88

1,4-Dichlorobenzene

Concen: 52.190 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. 0.006 min

Lab File: VY021826.D

Acq: 10 Apr 2025 09:51

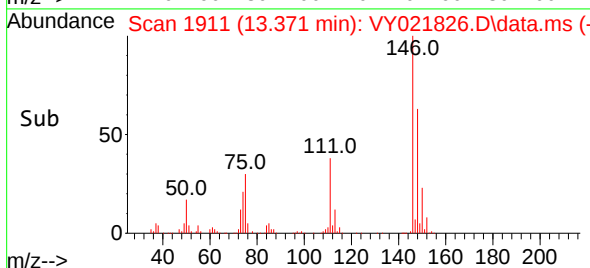
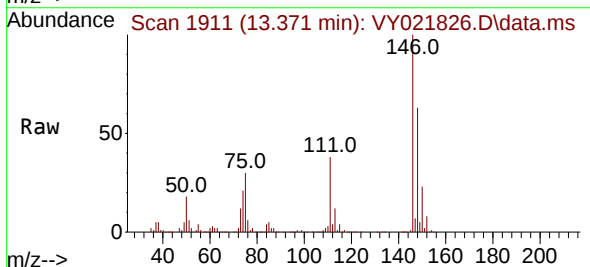
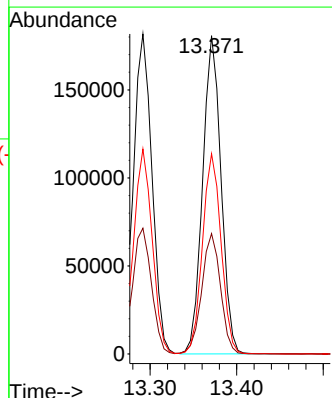
Tgt Ion:146 Resp: 266758

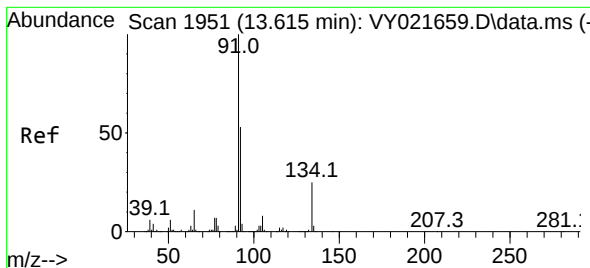
Ion Ratio Lower Upper

146 100

111 38.6 19.1 57.1

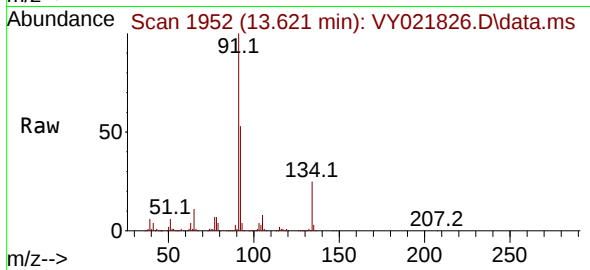
148 63.8 31.5 94.5





#89
n-Butylbenzene
Concen: 55.040 ug/l
RT: 13.621 min Scan# 1952
Delta R.T. 0.006 min
Lab File: VY021826.D
Acq: 10 Apr 2025 09:51

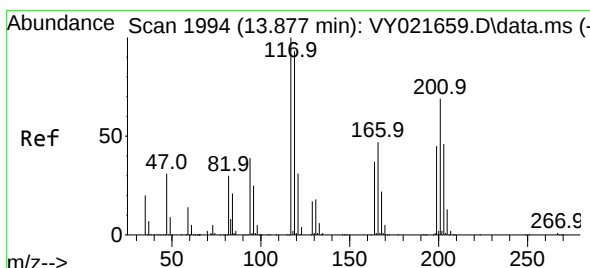
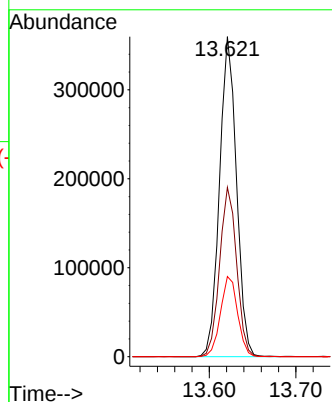
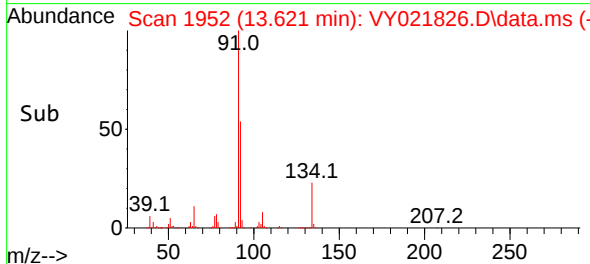
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 48947
Ion Ratio Lower Upper
91 100
92 53.1 26.4 79.2
134 25.4 12.8 38.4

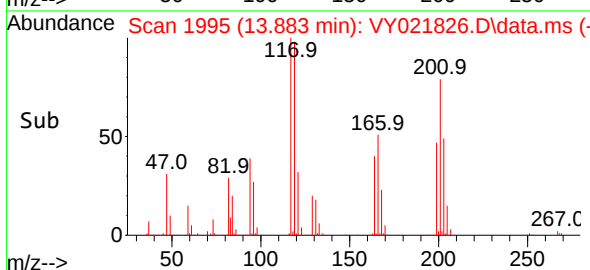
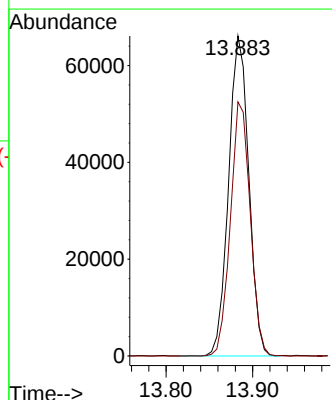
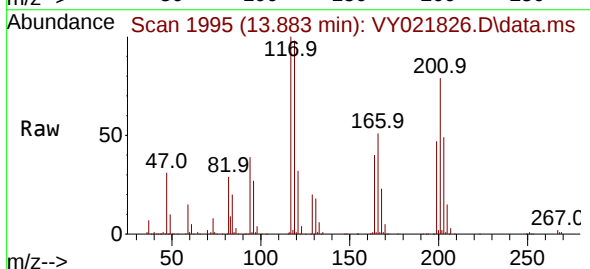
Manual Integrations
APPROVED

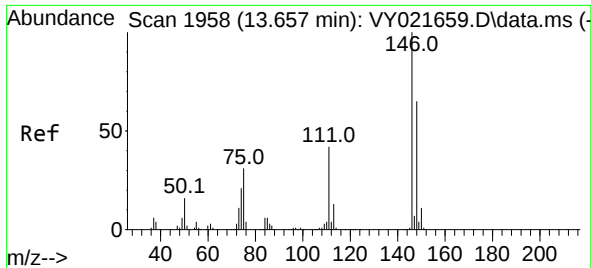
Reviewed By :Mahesh Dadoda 04/11/2025
Supervised By :Semsettin Yesilyurt 04/11/2025



#90
Hexachloroethane
Concen: 50.848 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. 0.006 min
Lab File: VY021826.D
Acq: 10 Apr 2025 09:51

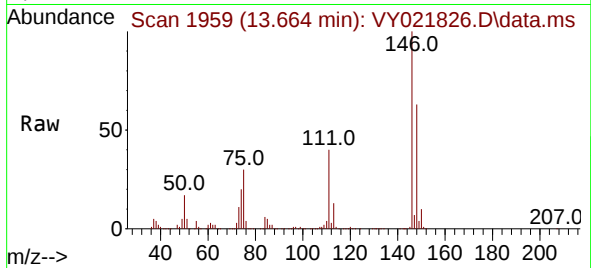
Tgt Ion:117 Resp: 107148
Ion Ratio Lower Upper
117 100
201 77.7 37.4 112.1





#91
1,2-Dichlorobenzene
Concen: 52.481 ug/l
RT: 13.664 min Scan# 1958
Delta R.T. 0.006 min
Lab File: VY021826.D
Acq: 10 Apr 2025 09:51

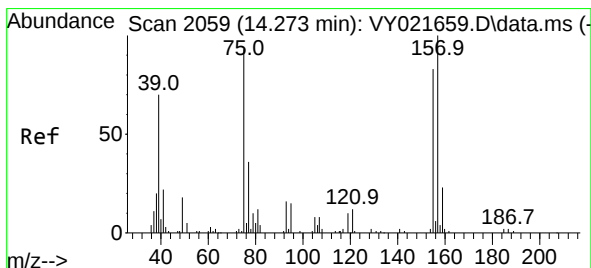
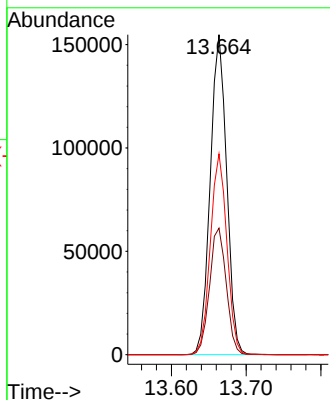
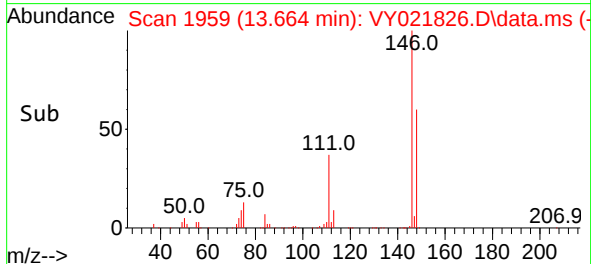
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



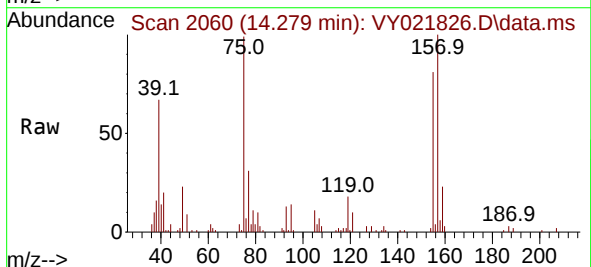
Tgt Ion:146 Resp: 23634
Ion Ratio Lower Upper
146 100
111 40.3 20.7 62.1
148 63.1 32.3 96.9

Manual Integrations
APPROVED

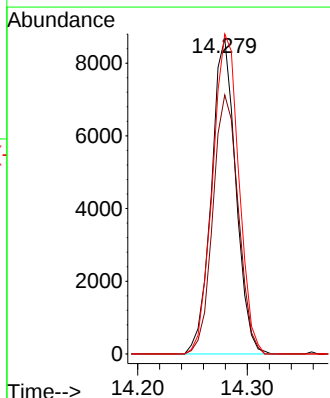
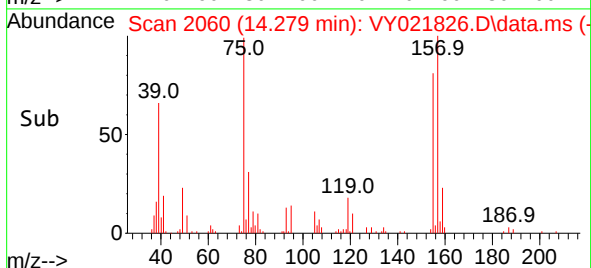
Reviewed By :Mahesh Dadoda 04/11/2025
Supervised By :Semsettin Yesilyurt 04/11/2025

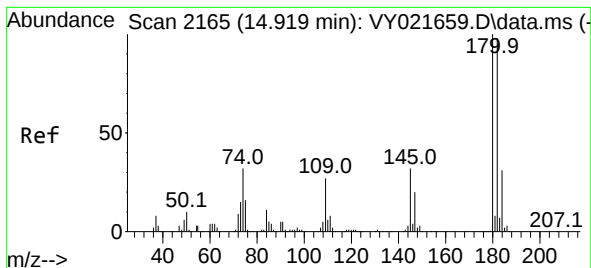


#92
1,2-Dibromo-3-Chloropropane
Concen: 44.118 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. 0.006 min
Lab File: VY021826.D
Acq: 10 Apr 2025 09:51



Tgt Ion: 75 Resp: 13445
Ion Ratio Lower Upper
75 100
155 85.3 43.0 128.8
157 108.9 54.0 162.0





#93

1,2,4-Trichlorobenzene

Concen: 55.039 ug/l

RT: 14.926 min Scan# 2166

Delta R.T. 0.006 min

Lab File: VY021826.D

Acq: 10 Apr 2025 09:51

Instrument :

MSVOA_Y

ClientSampleId :

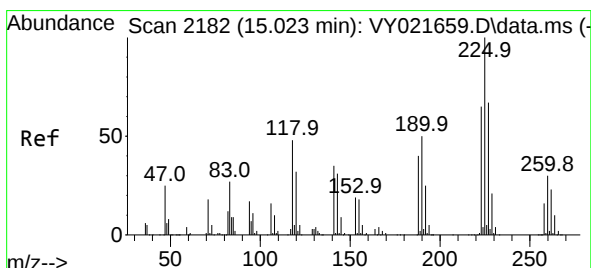
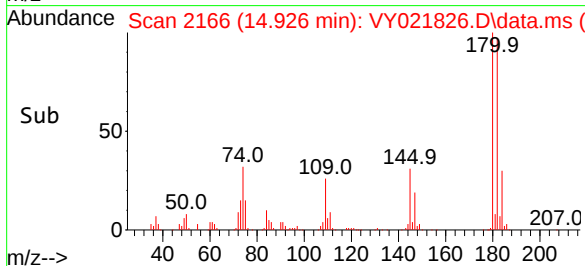
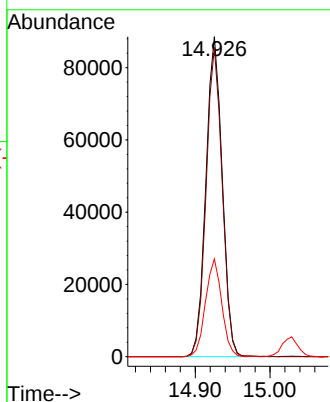
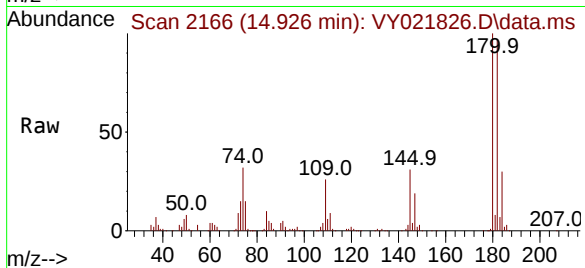
VSTDCCC050

Tgt Ion:	180	Resp:	134414
Ion Ratio	Lower	Upper	
180	100		
182	95.2	47.5	142.6
145	30.4	14.9	44.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/11/2025
Supervised By :Semsettin Yesilyurt 04/11/2025



#94

Hexachlorobutadiene

Concen: 53.987 ug/l

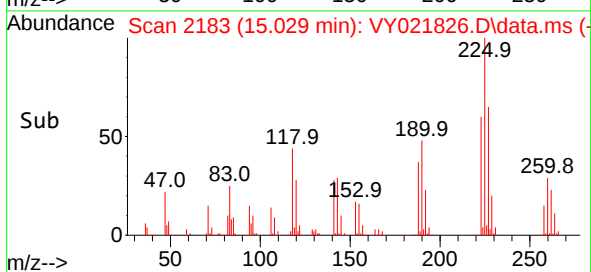
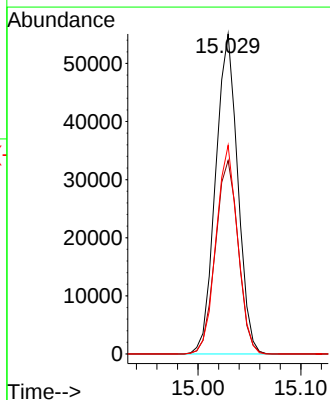
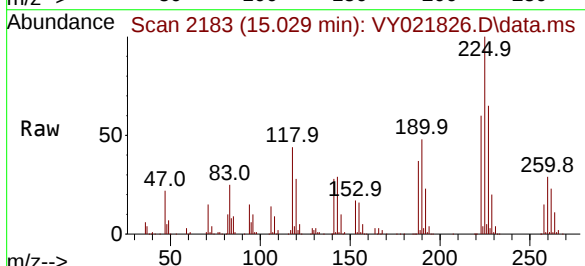
RT: 15.029 min Scan# 2183

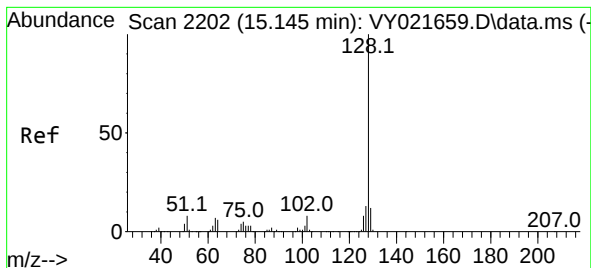
Delta R.T. 0.006 min

Lab File: VY021826.D

Acq: 10 Apr 2025 09:51

Tgt Ion:	225	Resp:	82343
Ion Ratio	Lower	Upper	
225	100		
223	62.2	31.9	95.7
227	63.5	32.4	97.0





#95

Naphthalene

Concen: 52.813 ug/l

RT: 15.151 min Scan# 21378

Delta R.T. 0.006 min

Lab File: VY021826.D

Acq: 10 Apr 2025 09:51

Instrument :

MSVOA_Y

ClientSampleId :

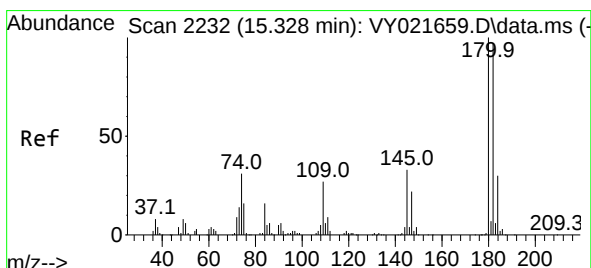
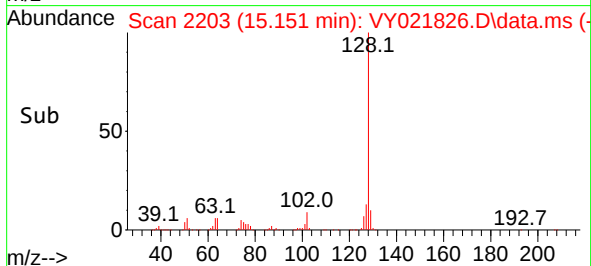
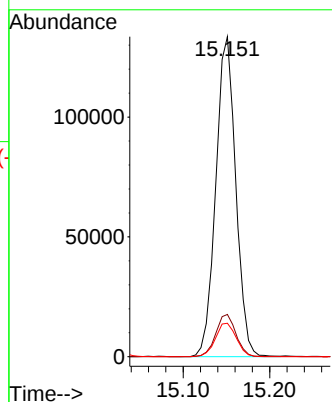
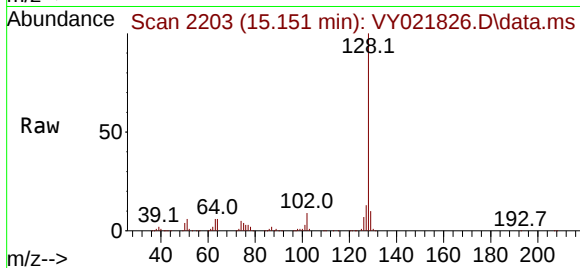
VSTDCCC050

Tgt Ion:	128	Resp:	21378
Ion Ratio	Lower	Upper	
128	100		
127	13.5	10.8	16.2
129	11.0	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/11/2025
Supervised By :Semsettin Yesilyurt 04/11/2025



#96

1,2,3-Trichlorobenzene

Concen: 54.910 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. 0.006 min

Lab File: VY021826.D

Acq: 10 Apr 2025 09:51

Tgt Ion:	180	Resp:	114353
Ion Ratio	Lower	Upper	
180	100		
182	95.1	47.5	142.5
145	31.2	15.9	47.7

