

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081425\
 Data File : VY023086.D
 Acq On : 14 Aug 2025 11:22
 Operator : SY/MD
 Sample : VY0814SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0814SBS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/19/2025
 Supervised By :Mahesh Dadoda 08/19/2025

Quant Time: Aug 14 14:47:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 13 02:10:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	455827	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	734618	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	641778	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	309825	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	218317	50.253	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.500%	
35) Dibromofluoromethane	7.634	113	220130	50.078	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.160%	
50) Toluene-d8	10.103	98	873299	50.855	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.720%	
62) 4-Bromofluorobenzene	12.401	95	263190	47.657	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 95.320%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.861	85	74341	19.980	ug/l	100
3) Chloromethane	2.068	50	139194	23.098	ug/l	97
4) Vinyl Chloride	2.202	62	172200	23.116	ug/l	97
5) Bromomethane	2.586	94	129347	23.250	ug/l	97
6) Chloroethane	2.726	64	116610	23.545	ug/l	96
7) Trichlorofluoromethane	3.049	101	197599	21.815	ug/l	99
8) Diethyl Ether	3.452	74	42819	17.867	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.812	101	93242	20.865	ug/l	98
10) Methyl Iodide	3.994	142	103105	21.381	ug/l	99
11) Tert butyl alcohol	4.860	59	23075	77.519	ug/l	100
12) 1,1-Dichloroethene	3.781	96	87863	20.003	ug/l	98
13) Acrolein	3.647	56	34035	78.072	ug/l	97
14) Allyl chloride	4.372	41	125844	19.470	ug/l	97
15) Acrylonitrile	5.055	53	87301	89.605	ug/l	98
16) Acetone	3.866	43	88645	94.185	ug/l	94
17) Carbon Disulfide	4.098	76	295393	20.624	ug/l	99
18) Methyl Acetate	4.385	43	49793	17.778	ug/l	98
19) Methyl tert-butyl Ether	5.116	73	204114	17.932	ug/l	99
20) Methylene Chloride	4.610	84	107429	20.355	ug/l	99
21) trans-1,2-Dichloroethene	5.110	96	99704	20.198	ug/l	98
22) Diisopropyl ether	6.012	45	279897	19.929	ug/l	96
23) Vinyl Acetate	5.957	43	703379	90.570	ug/l	100
24) 1,1-Dichloroethane	5.909	63	177456	20.666	ug/l	100
25) 2-Butanone	6.890	43	113667	88.799	ug/l	95
26) 2,2-Dichloropropane	6.878	77	150616	20.328	ug/l	100
27) cis-1,2-Dichloroethene	6.884	96	114706	20.100	ug/l	99
28) Bromochloromethane	7.244	49	69276	20.335	ug/l	96
29) Tetrahydrofuran	7.262	42	67731	85.363	ug/l	95
30) Chloroform	7.415	83	182352	20.591	ug/l	96
31) Cyclohexane	7.695	56	156917	19.392	ug/l	97
32) 1,1,1-Trichloroethane	7.616	97	161426	20.543	ug/l	98
36) 1,1-Dichloropropene	7.829	75	131067	20.063	ug/l	99
37) Ethyl Acetate	6.982	43	45793	16.687	ug/l	98
38) Carbon Tetrachloride	7.817	117	142349	20.062	ug/l	98
39) Methylcyclohexane	9.109	83	160783	18.690	ug/l	97
40) Benzene	8.073	78	408860	20.306	ug/l	99

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 Supervised By : Mahesh Dadoda 08/19/2025

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 Quant Title : SW846 8260
 QLast Update : Wed Aug 13 02:10:11 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.213	41	23134	14.607	ug/l #	86
42) 1,2-Dichloroethane	8.152	62	104577	19.970	ug/l	98
43) Isopropyl Acetate	8.195	43	95745	17.262	ug/l	98
44) Trichloroethene	8.859	130	106605	20.488	ug/l	98
45) 1,2-Dichloropropane	9.140	63	95447	20.603	ug/l	99
46) Dibromomethane	9.225	93	51967	19.543	ug/l	97
47) Bromodichloromethane	9.420	83	137131	20.042	ug/l	98
48) Methyl methacrylate	9.219	41	45987	17.327	ug/l	98
49) 1,4-Dioxane	9.225	88	10785	345.913	ug/l #	94
51) 4-Methyl-2-Pentanone	9.993	43	238881	83.495	ug/l	97
52) Toluene	10.164	92	252944	19.780	ug/l	97
53) t-1,3-Dichloropropene	10.390	75	114364	18.458	ug/l	100
54) cis-1,3-Dichloropropene	9.853	75	141980	19.379	ug/l	99
55) 1,1,2-Trichloroethane	10.566	97	66658	18.734	ug/l	97
56) Ethyl methacrylate	10.438	69	75122	16.500	ug/l	98
57) 1,3-Dichloropropane	10.713	76	114859	19.034	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	187201	87.167	ug/l	100
59) 2-Hexanone	10.755	43	159619	81.934	ug/l	98
60) Dibromochloromethane	10.908	129	88354	18.819	ug/l	100
61) 1,2-Dibromoethane	11.011	107	61746	18.463	ug/l	100
64) Tetrachloroethene	10.646	164	123429	21.538	ug/l	98
65) Chlorobenzene	11.438	112	272937	19.716	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.511	131	93115	19.819	ug/l	98
67) Ethyl Benzene	11.517	91	461952	19.391	ug/l	100
68) m/p-Xylenes	11.627	106	362129	38.921	ug/l	98
69) o-Xylene	11.950	106	165485	18.990	ug/l	97
70) Styrene	11.963	104	273749	19.209	ug/l	99
71) Bromoform	12.127	173	49863	18.159	ug/l #	100
73) Isopropylbenzene	12.249	105	423027	19.345	ug/l	99
74) N-amyl acetate	12.066	43	78613	16.952	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.499	83	64150	17.181	ug/l	94
76) 1,2,3-Trichloropropane	12.554	75	54979m	18.387	ug/l	
77) Bromobenzene	12.529	156	100851	19.332	ug/l	98
78) n-propylbenzene	12.590	91	520711	20.001	ug/l	100
79) 2-Chlorotoluene	12.676	91	297769	19.962	ug/l	99
80) 1,3,5-Trimethylbenzene	12.731	105	348710	19.731	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.298	75	21491	17.398	ug/l	94
82) 4-Chlorotoluene	12.773	91	312655	20.205	ug/l	98
83) tert-Butylbenzene	12.993	119	303222	18.997	ug/l	100
84) 1,2,4-Trimethylbenzene	13.036	105	351003	19.952	ug/l	99
85) sec-Butylbenzene	13.170	105	458024	19.534	ug/l	99
86) p-Isopropyltoluene	13.285	119	374466	19.240	ug/l	99
87) 1,3-Dichlorobenzene	13.279	146	200869	19.525	ug/l	99
88) 1,4-Dichlorobenzene	13.359	146	200293	19.626	ug/l	98
89) n-Butylbenzene	13.615	91	344791	19.289	ug/l	98
90) Hexachloroethane	13.877	117	80689	20.252	ug/l	97
91) 1,2-Dichlorobenzene	13.651	146	172852	19.158	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.267	75	9872	16.982	ug/l	95
93) 1,2,4-Trichlorobenzene	14.913	180	93915	17.602	ug/l	99
94) Hexachlorobutadiene	15.017	225	58299	18.595	ug/l	98
95) Naphthalene	15.139	128	142271	15.638	ug/l	99
96) 1,2,3-Trichlorobenzene	15.322	180	79576	17.308	ug/l	98

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ClientSampleId :
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Quant Time: Aug 14 14:47:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 13 02:10:11 2025
Response via : Initial Calibration

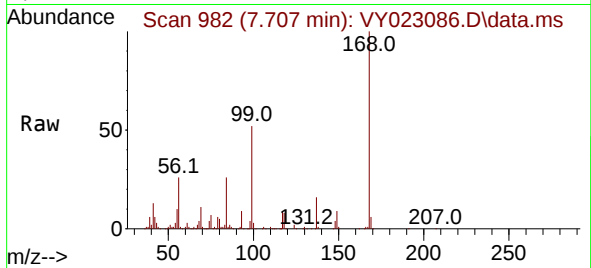
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY023086.D
Acq: 14 Aug 2025 11:22

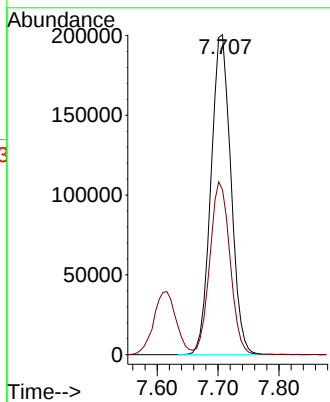
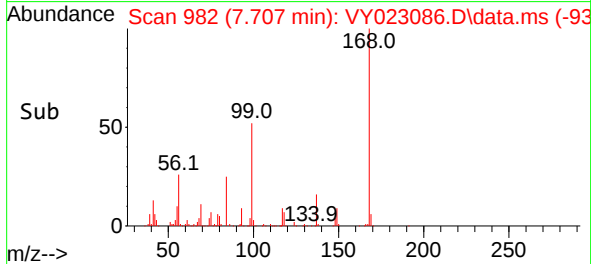
Instrument :
MSVOA_Y
ClientSampleId :
VY0814SBS01



Tgt Ion:168 Resp: 45582
Ion Ratio Lower Upper
168 100
99 51.4 42.8 64.2

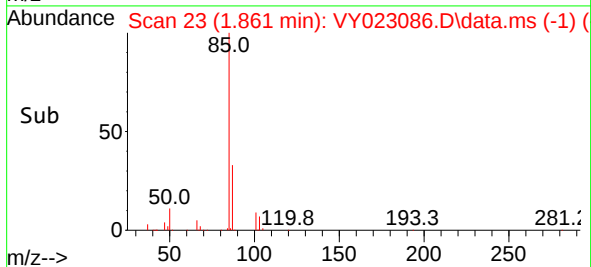
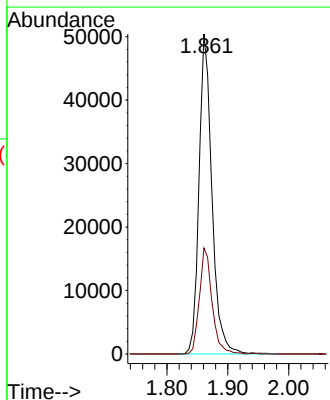
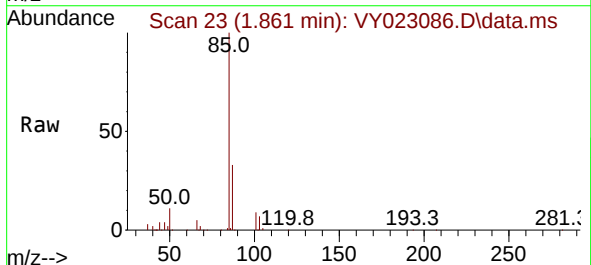
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#2
Dichlorodifluoromethane
Concen: 19.980 ug/l
RT: 1.861 min Scan# 23
Delta R.T. 0.000 min
Lab File: VY023086.D
Acq: 14 Aug 2025 11:22

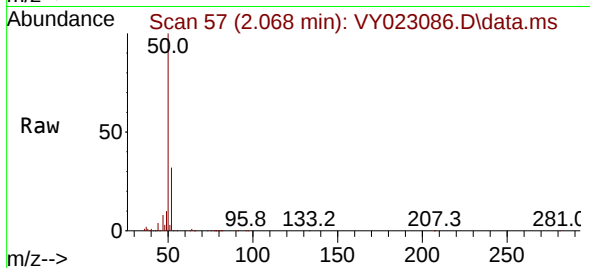
Tgt Ion: 85 Resp: 74341
Ion Ratio Lower Upper
85 100
87 33.1 16.6 49.8





#3
Chloromethane
Concen: 23.098 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY023086.D
Acq: 14 Aug 2025 11:22

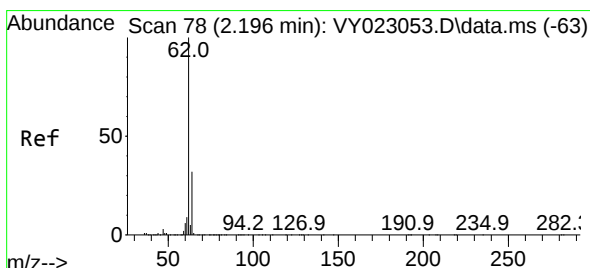
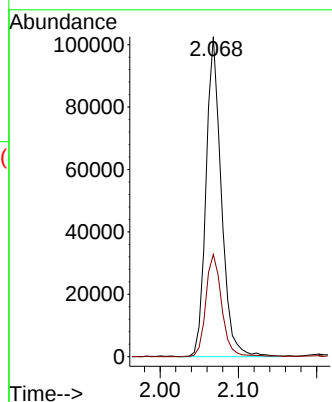
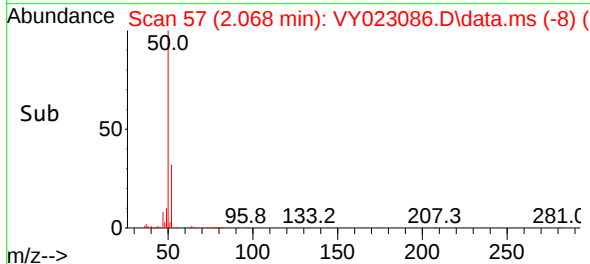
Instrument :
MSVOA_Y
ClientSampleId :
VY0814SBS01



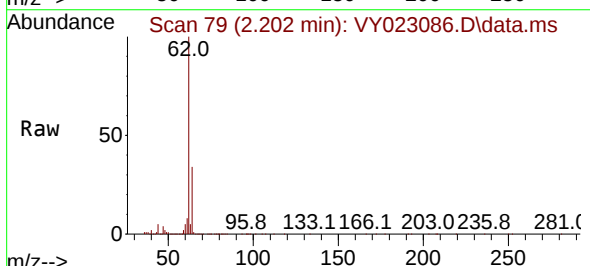
Tgt Ion: 50 Resp: 139194
Ion Ratio Lower Upper
50 100
52 32.0 26.7 40.1

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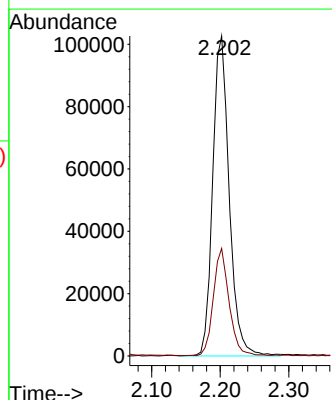
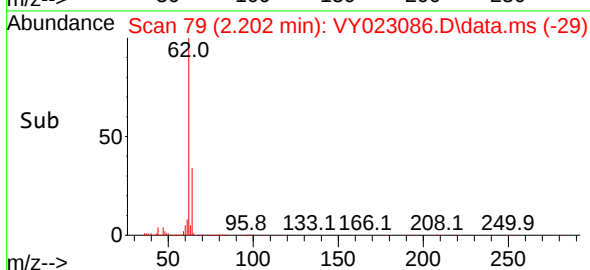
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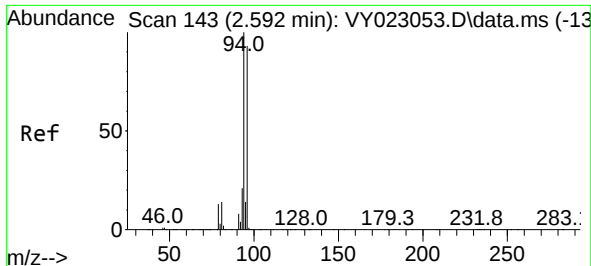


#4
Vinyl Chloride
Concen: 23.116 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.006 min
Lab File: VY023086.D
Acq: 14 Aug 2025 11:22



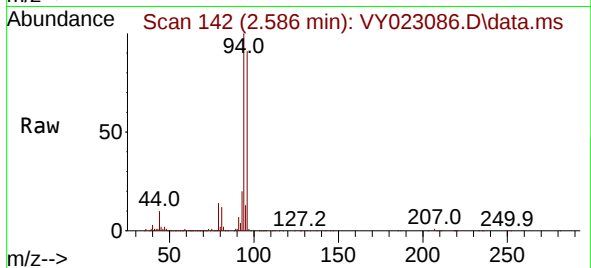
Tgt Ion: 62 Resp: 172200
Ion Ratio Lower Upper
62 100
64 33.4 25.4 38.0





#5
Bromomethane
Concen: 23.250 ug/l
RT: 2.586 min Scan# 143
Delta R.T. -0.006 min
Lab File: VY023086.D
Acq: 14 Aug 2025 11:22

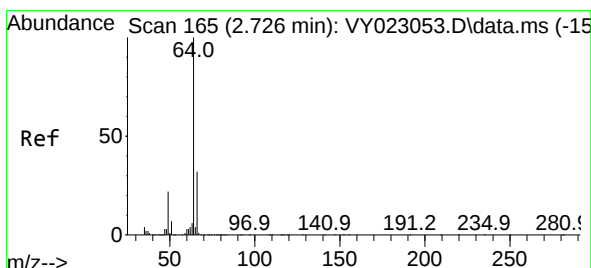
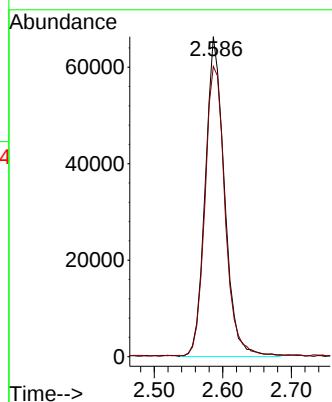
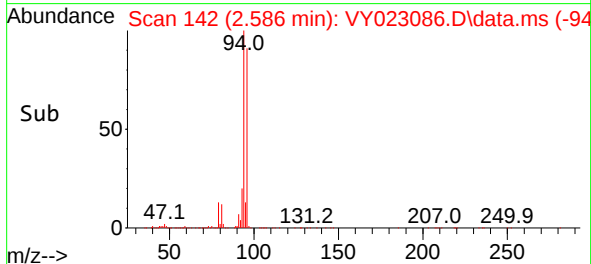
Instrument :
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ClientSampleId :
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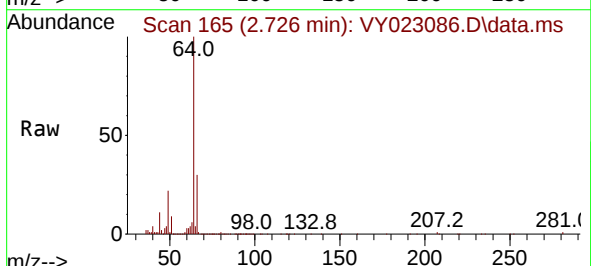
Tgt Ion: 94 Resp: 12934
Ion Ratio Lower Upper
94 100
96 90.4 74.6 112.0

Manual Integrations
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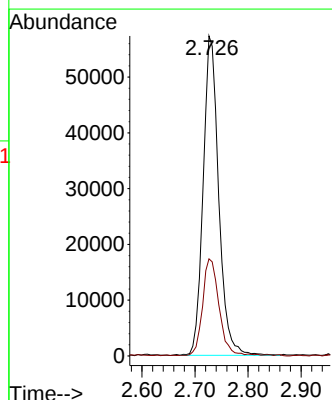
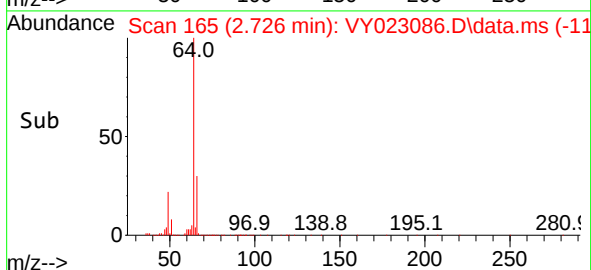
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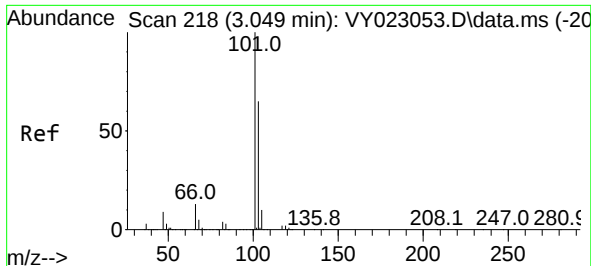


#6
Chloroethane
Concen: 23.545 ug/l
RT: 2.726 min Scan# 165
Delta R.T. 0.000 min
Lab File: VY023086.D
Acq: 14 Aug 2025 11:22



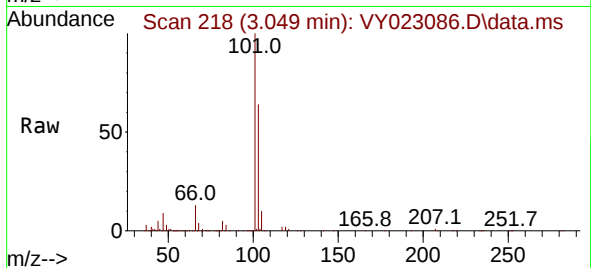
Tgt Ion: 64 Resp: 116610
Ion Ratio Lower Upper
64 100
66 30.2 25.8 38.6





#7
 Trichlorofluoromethane
 Concen: 21.815 ug/l
 RT: 3.049 min Scan# 218
 Delta R.T. 0.000 min
 Lab File: VY023086.D
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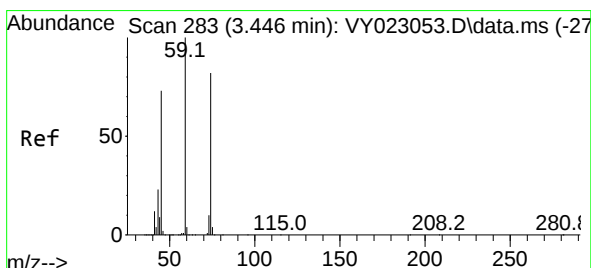
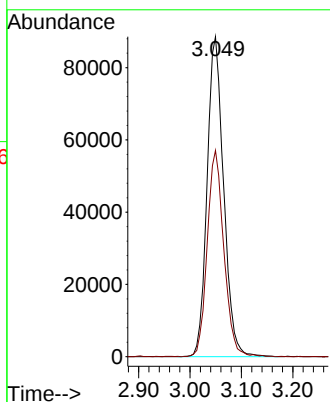
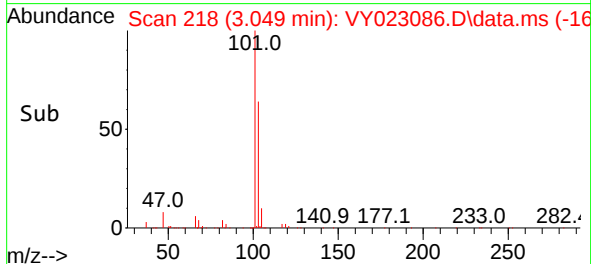
Instrument :
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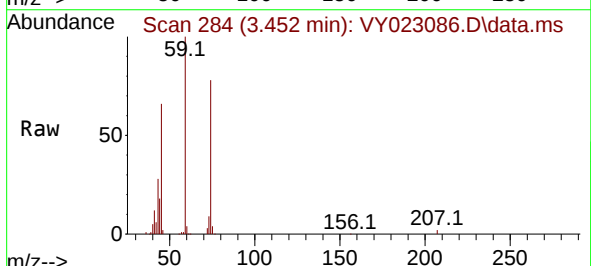
Tgt Ion:101 Resp: 19759
 Ion Ratio Lower Upper
 101 100
 103 64.4 51.9 77.9

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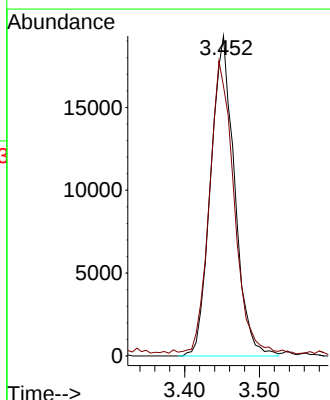
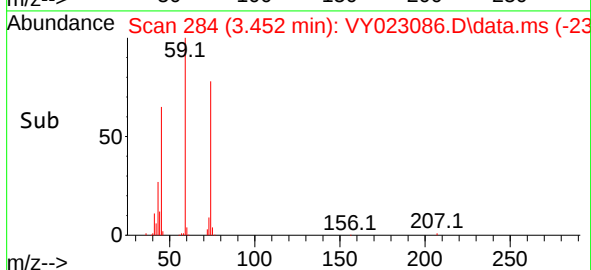
Reviewed By :Semsettin Yesilyurt 08/19/2025
 Supervised By :Mahesh Dadoda 08/19/2025



#8
 Diethyl Ether
 Concen: 17.867 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. 0.006 min
 Lab File: VY023086.D
 Acq: 14 Aug 2025 11:22



Tgt Ion: 74 Resp: 42819
 Ion Ratio Lower Upper
 74 100
 45 94.9 44.4 133.2





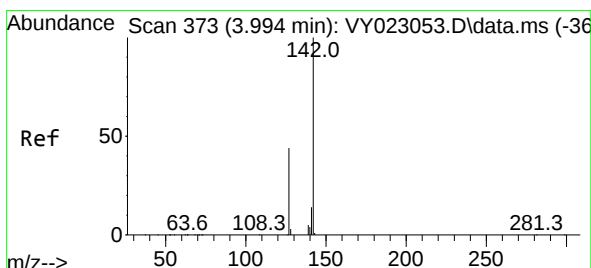
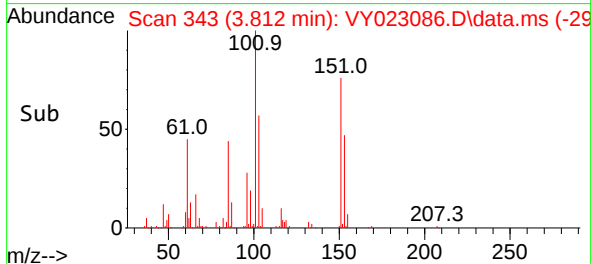
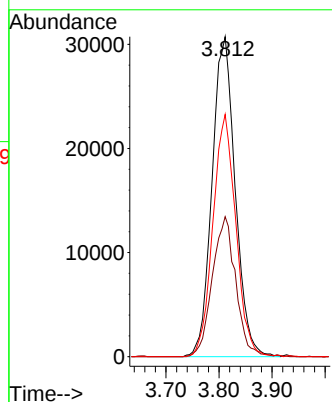
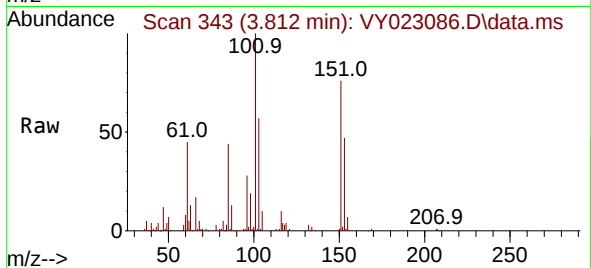
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.865 ug/l
RT: 3.812 min Scan# 342
Delta R.T. 0.006 min
Lab File: VY023086.D
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Instrument :
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Tgt Ion:101 Resp: 9324
Ion Ratio Lower Upper
101 100
85 44.2 36.3 54.5
151 75.1 61.5 92.3

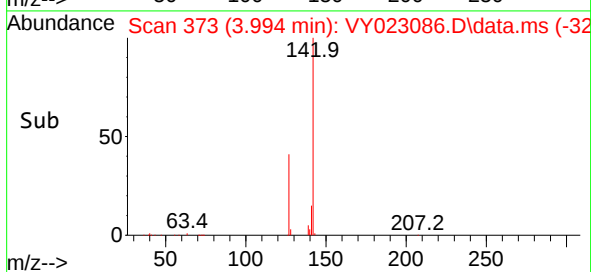
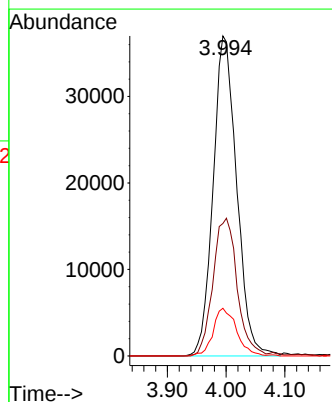
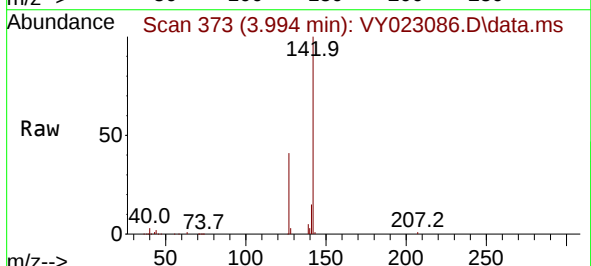
Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 08/19/2025
Supervised By :Mahesh Dadoda 08/19/2025



#10
Methyl Iodide
Concen: 21.381 ug/l
RT: 3.994 min Scan# 373
Delta R.T. 0.000 min
Lab File: VY023086.D
Acq: 14 Aug 2025 11:22

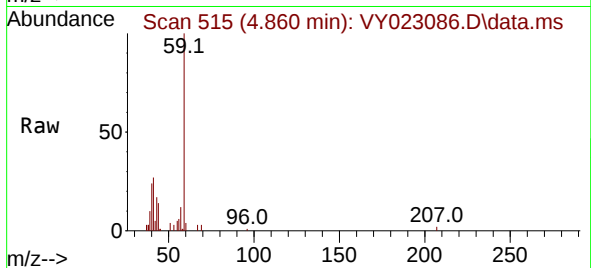
Tgt Ion:142 Resp: 103105
Ion Ratio Lower Upper
142 100
127 44.3 34.9 52.3
141 14.8 11.3 16.9





#11
Tert butyl alcohol
Concen: 77.519 ug/l
RT: 4.860 min Scan# 515
Delta R.T. 0.000 min
Lab File: VY023086.D
Acq: 14 Aug 2025 11:22

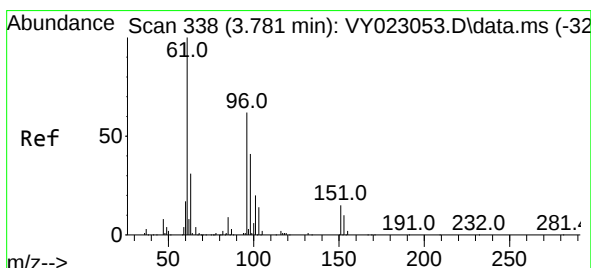
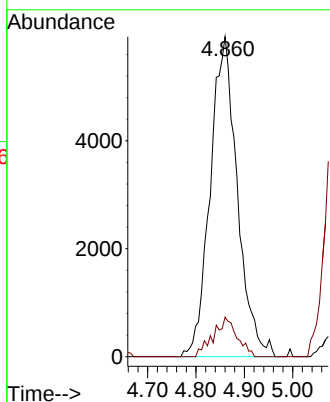
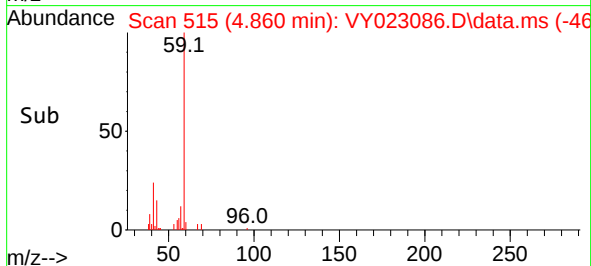
Instrument :
MSVOA_Y
ClientSampleId :
VY0814SBS01



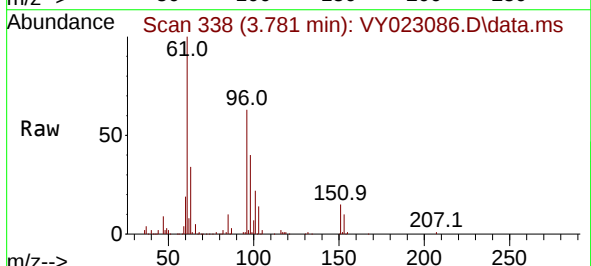
Tgt Ion: 59 Resp: 23075
Ion Ratio Lower Upper
59 100
57 10.8 8.6 13.0

Manual Integrations
APPROVED

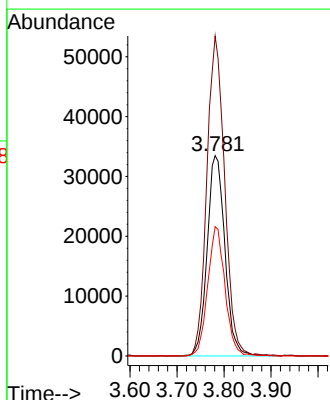
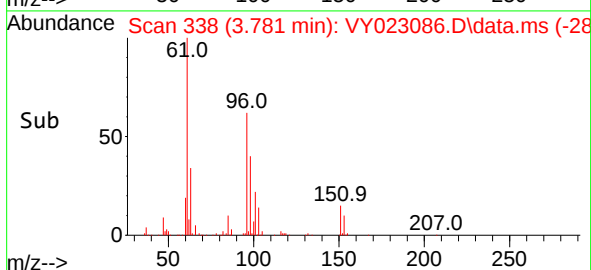
Reviewed By :Semsettin Yesilyurt 08/19/2025
Supervised By :Mahesh Dadoda 08/19/2025



#12
1,1-Dichloroethene
Concen: 20.003 ug/l
RT: 3.781 min Scan# 338
Delta R.T. 0.000 min
Lab File: VY023086.D
Acq: 14 Aug 2025 11:22



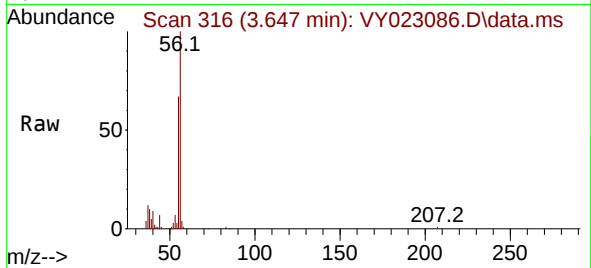
Tgt Ion: 96 Resp: 87863
Ion Ratio Lower Upper
96 100
61 159.8 129.4 194.2
98 64.5 52.8 79.2





#13
Acrolein
Concen: 78.072 ug/l
RT: 3.647 min Scan# 316
Delta R.T. 0.000 min
Lab File: VY023086.D
Acq: 14 Aug 2025 11:22

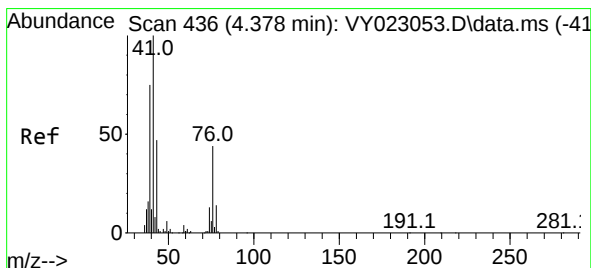
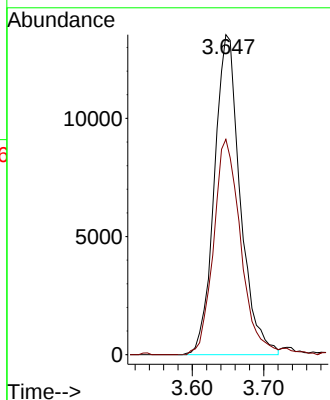
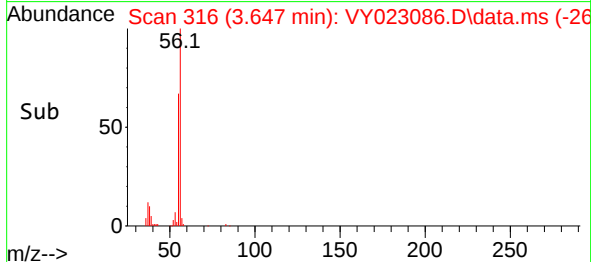
Instrument :
MSVOA_Y
ClientSampleId :
VY0814SBS01



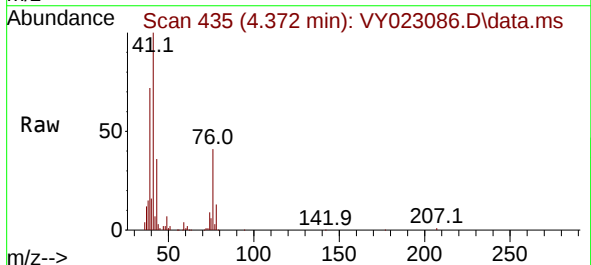
Tgt Ion: 56 Resp: 34035
Ion Ratio Lower Upper
56 100
55 71.6 55.2 82.8

Manual Integrations
APPROVED

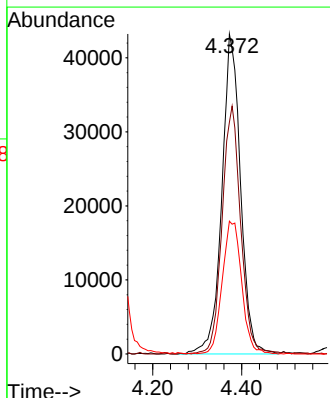
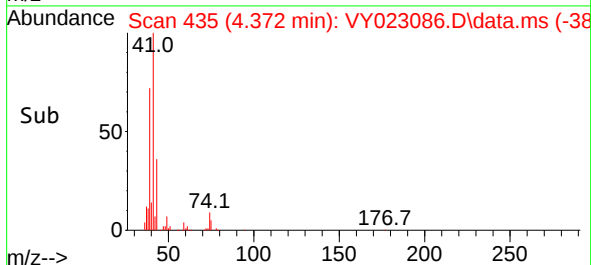
Reviewed By :Semsettin Yesilyurt 08/19/2025
Supervised By :Mahesh Dadoda 08/19/2025

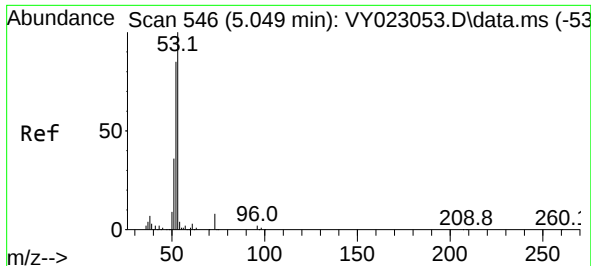


#14
Allyl chloride
Concen: 19.470 ug/l
RT: 4.372 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY023086.D
Acq: 14 Aug 2025 11:22



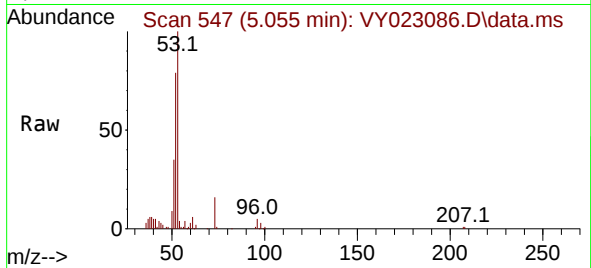
Tgt Ion: 41 Resp: 125844
Ion Ratio Lower Upper
41 100
39 77.3 59.8 89.6
76 43.1 33.7 50.5





#15
Acrylonitrile
Concen: 89.605 ug/l
RT: 5.055 min Scan# 546
Delta R.T. 0.006 min
Lab File: VY023086.D
Acq: 14 Aug 2025 11:22

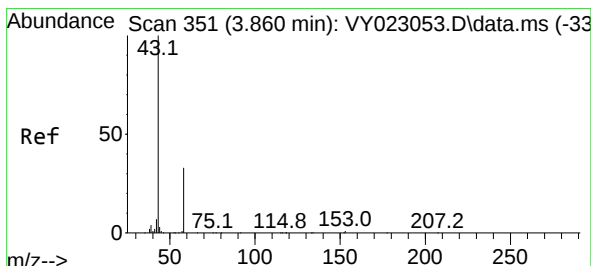
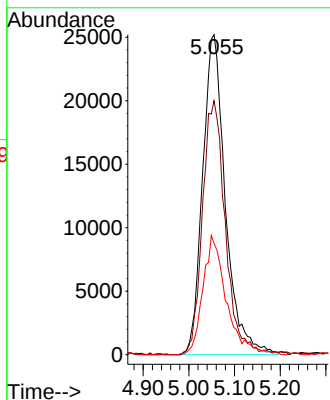
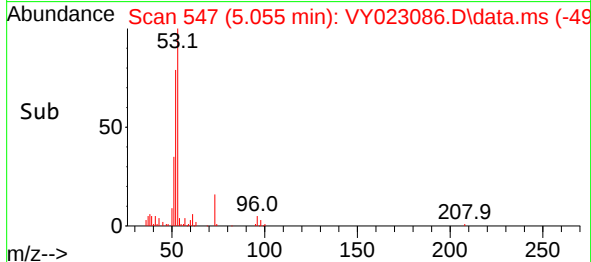
Instrument :
MSVOA_Y
ClientSampleId :
VY0814SBS01



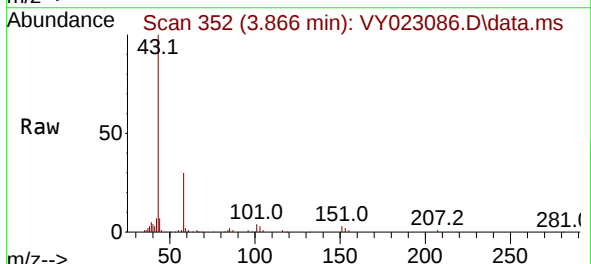
Tgt Ion: 53 Resp: 8730
Ion Ratio Lower Upper
53 100
52 79.5 65.3 97.9
51 38.2 29.5 44.3

Manual Integrations
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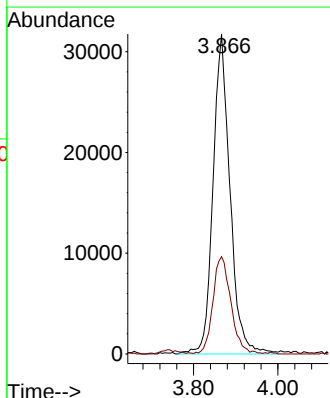
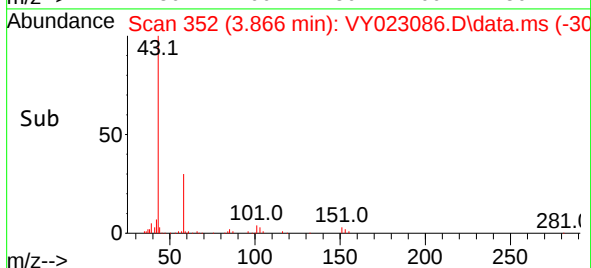
Reviewed By :Semsettin Yesilyurt 08/19/2025
Supervised By :Mahesh Dadoda 08/19/2025



#16
Acetone
Concen: 94.185 ug/l
RT: 3.866 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY023086.D
Acq: 14 Aug 2025 11:22



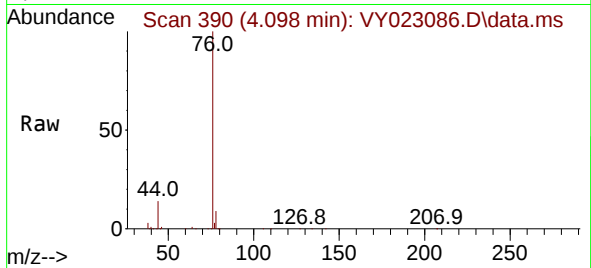
Tgt Ion: 43 Resp: 88645
Ion Ratio Lower Upper
43 100
58 30.4 27.1 40.7





#17
Carbon Disulfide
Concen: 20.624 ug/l
RT: 4.098 min Scan# 390
Delta R.T. 0.000 min
Lab File: VY023086.D
Acq: 14 Aug 2025 11:22

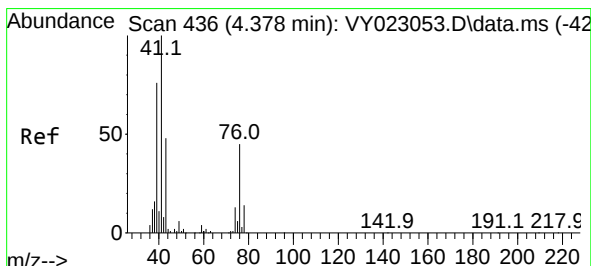
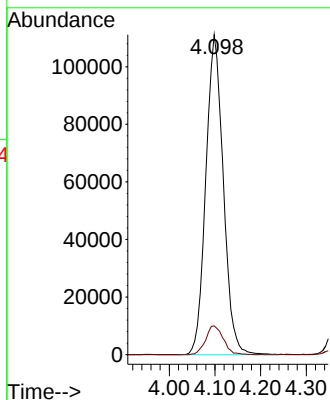
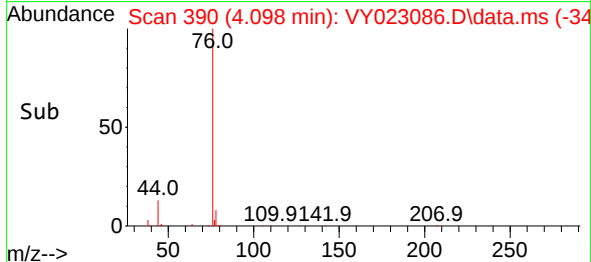
Instrument :
MSVOA_Y
ClientSampleId :
VY0814SBS01



Tgt Ion: 76 Resp: 29539
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.2

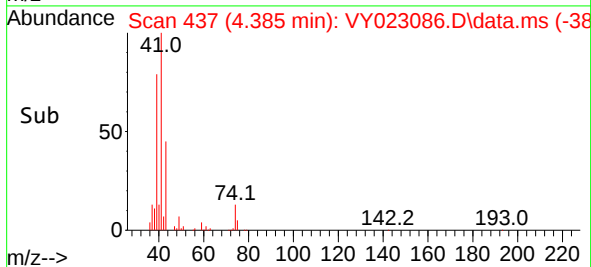
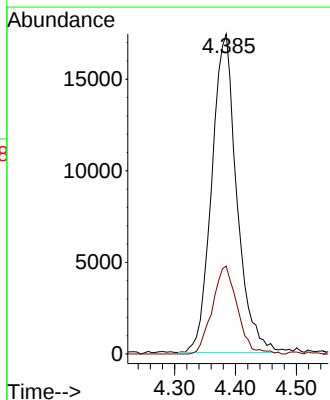
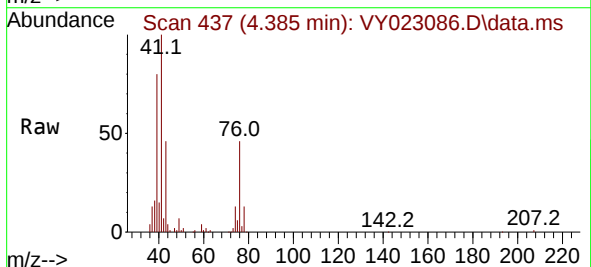
Manual Integrations
APPROVED

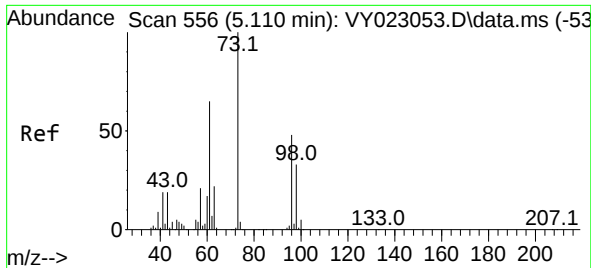
Reviewed By :Semsettin Yesilyurt 08/19/2025
Supervised By :Mahesh Dadoda 08/19/2025



#18
Methyl Acetate
Concen: 17.778 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY023086.D
Acq: 14 Aug 2025 11:22

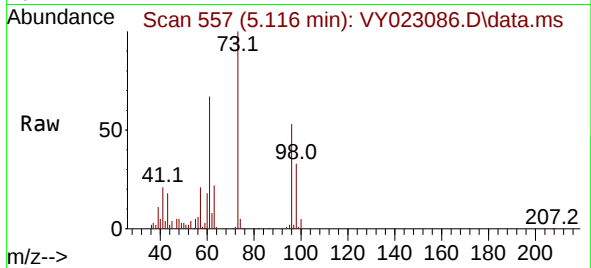
Tgt Ion: 43 Resp: 49793
Ion Ratio Lower Upper
43 100
74 27.4 21.2 31.8





#19
Methyl tert-butyl Ether
Concen: 17.932 ug/l
RT: 5.116 min Scan# 5114
Delta R.T. 0.006 min
Lab File: VY023086.D
Acq: 14 Aug 2025 11:22

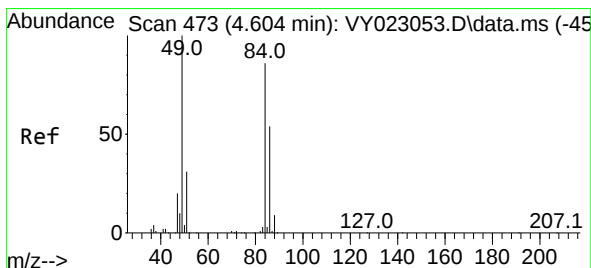
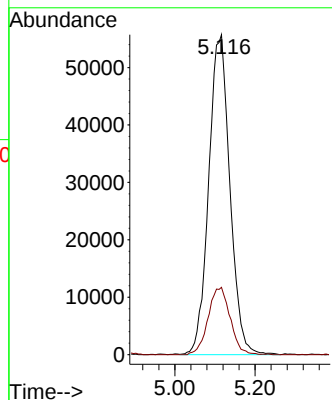
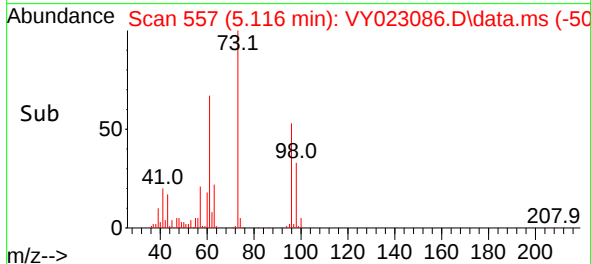
Instrument :
MSVOA_Y
ClientSampleId :
VY0814SBS01



Tgt Ion: 73 Resp: 204114
Ion Ratio Lower Upper
73 100
57 21.1 17.1 25.7

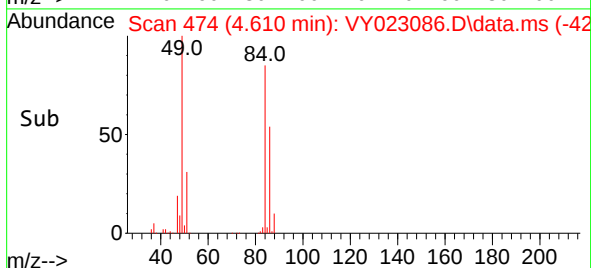
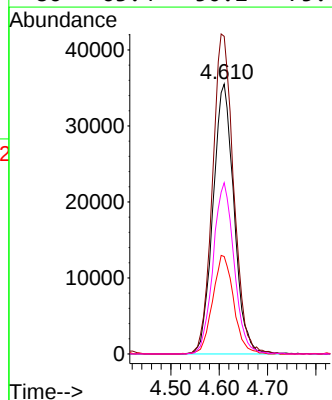
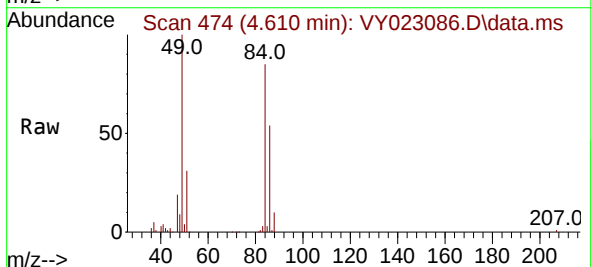
Manual Integrations
APPROVED

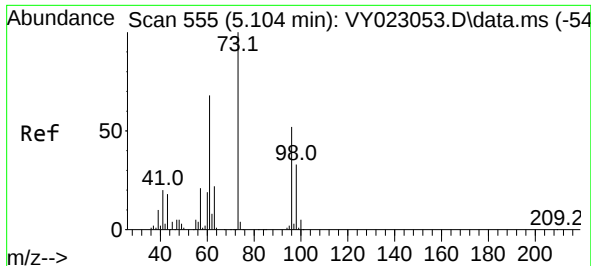
Reviewed By :Semsettin Yesilyurt 08/19/2025
Supervised By :Mahesh Dadoda 08/19/2025



#20
Methylene Chloride
Concen: 20.355 ug/l
RT: 4.610 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY023086.D
Acq: 14 Aug 2025 11:22

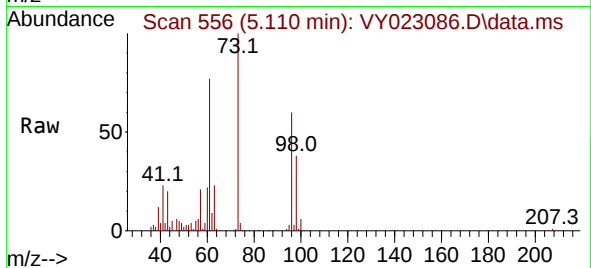
Tgt Ion: 84 Resp: 107429
Ion Ratio Lower Upper
84 100
49 117.7 93.0 139.6
51 36.1 29.0 43.4
86 63.4 50.2 75.4





#21
trans-1,2-Dichloroethene
Concen: 20.198 ug/l
RT: 5.110 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY023086.D
Acq: 14 Aug 2025 11:22

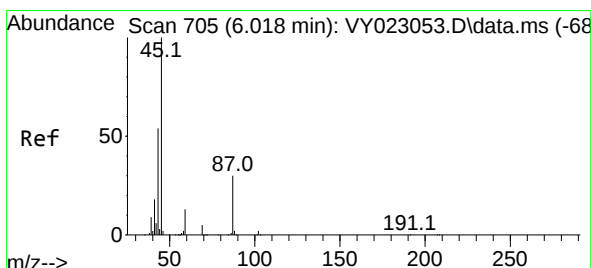
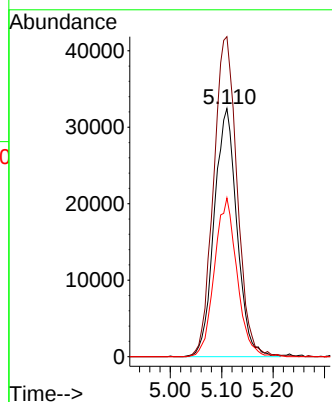
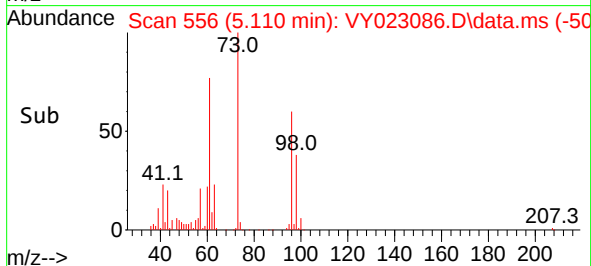
Instrument :
MSVOA_Y
ClientSampleId :
VY0814SBS01



Tgt Ion: 96 Resp: 99704
Ion Ratio Lower Upper
96 100
61 128.9 104.8 157.2
98 64.0 50.1 75.1

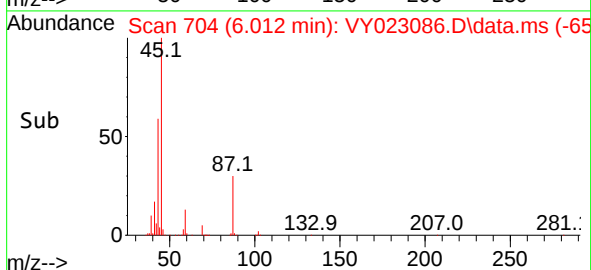
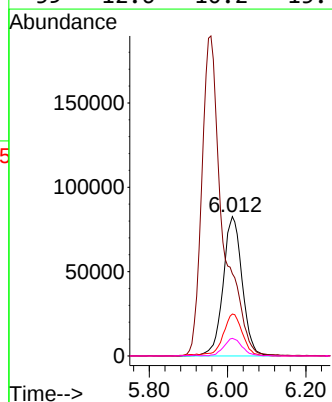
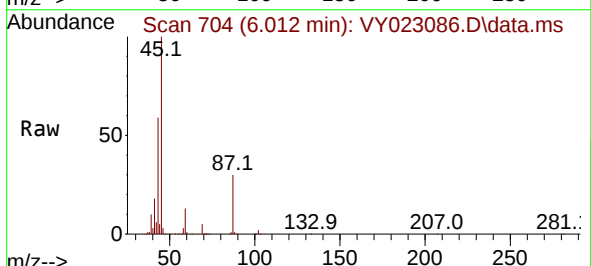
Manual Integrations
APPROVED

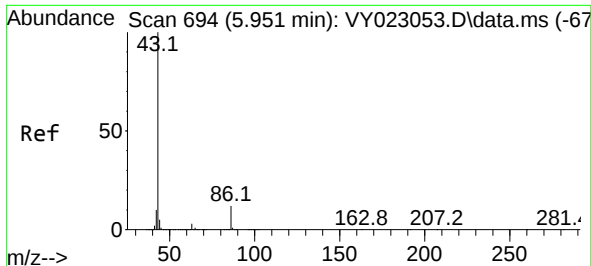
Reviewed By :Semsettin Yesilyurt 08/19/2025
Supervised By :Mahesh Dadoda 08/19/2025



#22
Diisopropyl ether
Concen: 19.929 ug/l
RT: 6.012 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY023086.D
Acq: 14 Aug 2025 11:22

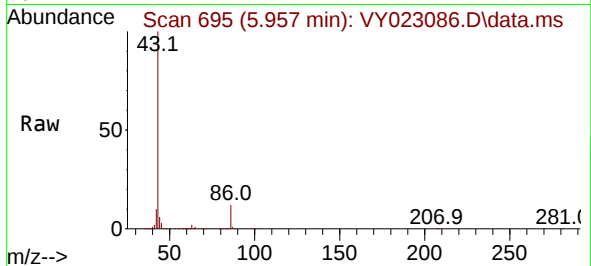
Tgt Ion: 45 Resp: 279897
Ion Ratio Lower Upper
45 100
43 59.0 43.4 65.0
87 30.1 24.4 36.6
59 12.6 10.2 15.4





#23
 Vinyl Acetate
 Concen: 90.570 ug/l
 RT: 5.957 min Scan# 694
 Delta R.T. 0.006 min
 Lab File: VY023086.D
 Acq: 14 Aug 2025 11:22

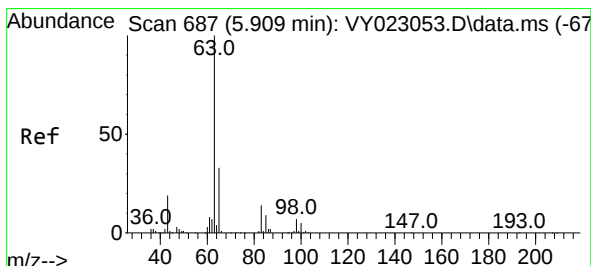
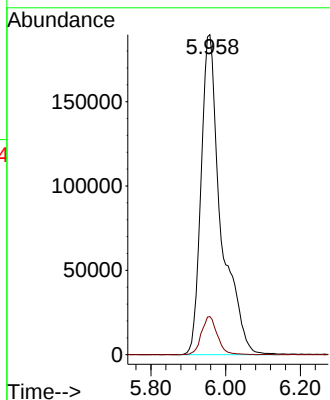
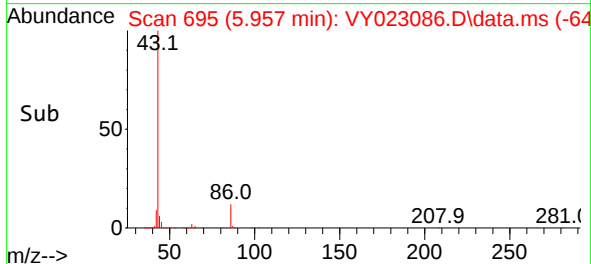
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0814SBS01



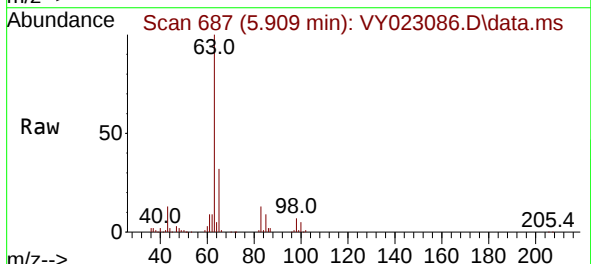
Tgt Ion: 43 Resp: 703379
 Ion Ratio Lower Upper
 43 100
 86 11.9 9.6 14.4

Manual Integrations
 APPROVED

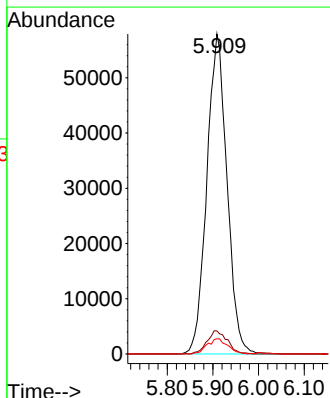
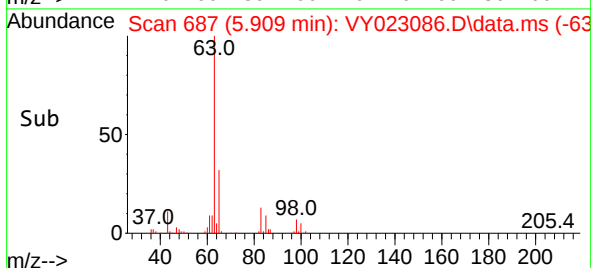
Reviewed By :Semsettin Yesilyurt 08/19/2025
 Supervised By :Mahesh Dadoda 08/19/2025



#24
 1,1-Dichloroethane
 Concen: 20.666 ug/l
 RT: 5.909 min Scan# 687
 Delta R.T. 0.000 min
 Lab File: VY023086.D
 Acq: 14 Aug 2025 11:22



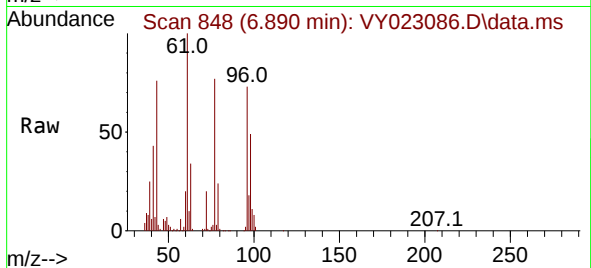
Tgt Ion: 63 Resp: 177456
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.5 10.6
 100 4.7 2.4 7.1





#25
2-Butanone
Concen: 88.799 ug/l
RT: 6.890 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY023086.D
Acq: 14 Aug 2025 11:22

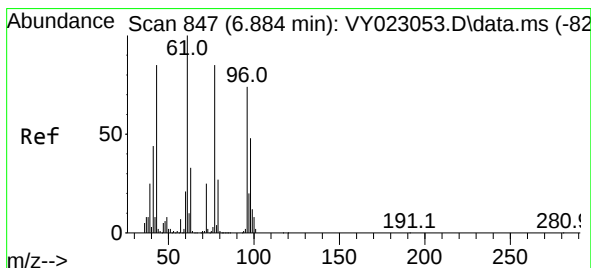
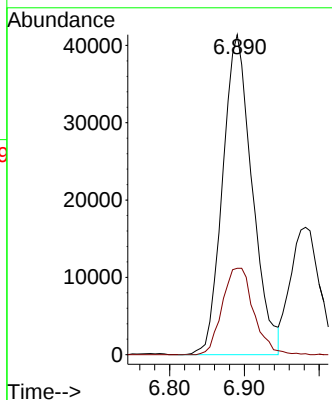
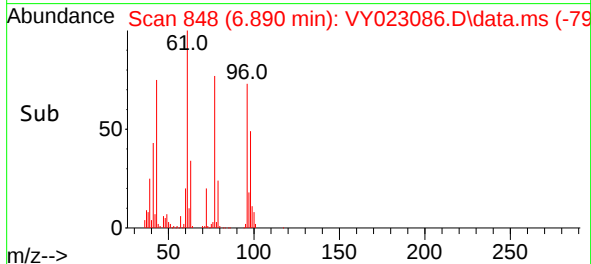
Instrument :
MSVOA_Y
ClientSampleId :
VY0814SBS01



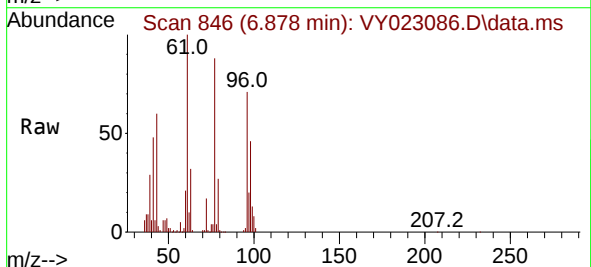
Tgt Ion: 43 Resp: 11366
Ion Ratio Lower Upper
43 100
72 26.8 23.5 35.3

Manual Integrations
APPROVED

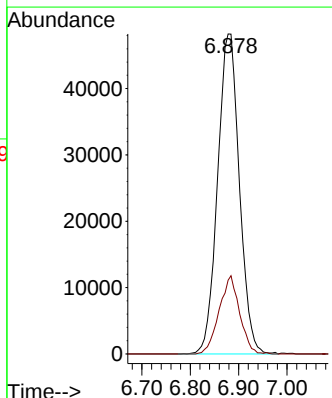
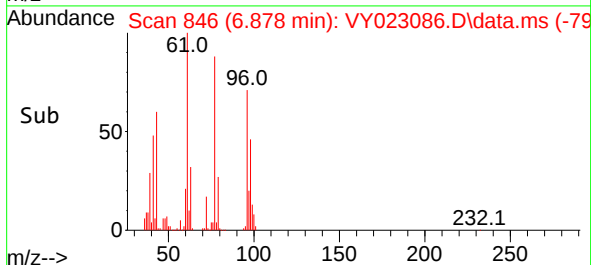
Reviewed By :Semsettin Yesilyurt 08/19/2025
Supervised By :Mahesh Dadoda 08/19/2025



#26
2,2-Dichloropropane
Concen: 20.328 ug/l
RT: 6.878 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY023086.D
Acq: 14 Aug 2025 11:22



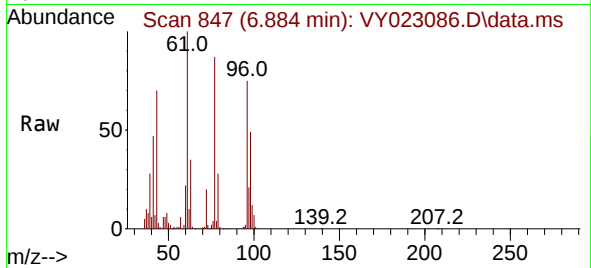
Tgt Ion: 77 Resp: 150616
Ion Ratio Lower Upper
77 100
97 23.0 11.6 34.8





#27
 cis-1,2-Dichloroethene
 Concen: 20.100 ug/l
 RT: 6.884 min Scan# 847
 Delta R.T. 0.000 min
 Lab File: VY023086.D
 Acq: 14 Aug 2025 11:22

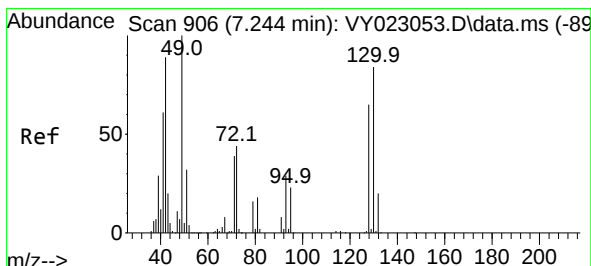
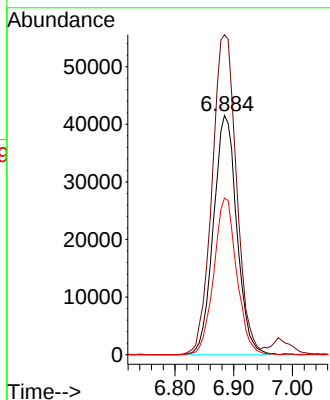
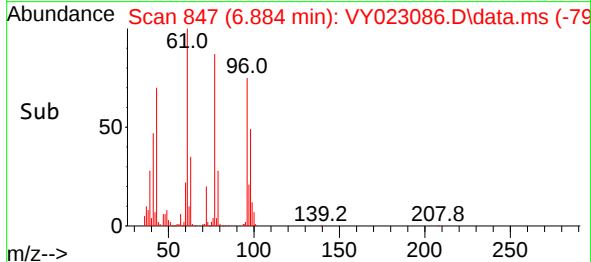
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0814SBS01



Tgt Ion: 96 Resp: 114700
 Ion Ratio Lower Upper
 96 100
 61 139.9 0.0 278.6
 98 64.0 0.0 130.4

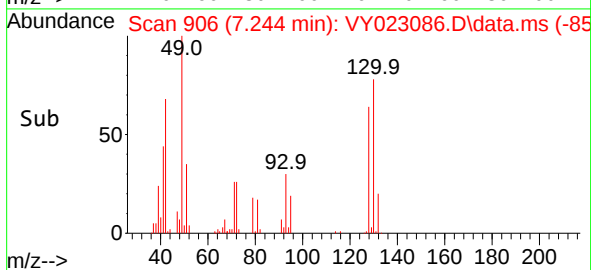
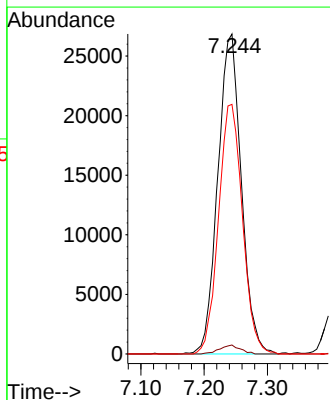
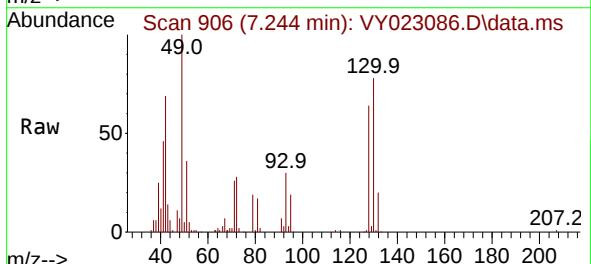
Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/19/2025
 Supervised By :Mahesh Dadoda 08/19/2025



#28
 Bromochloromethane
 Concen: 20.335 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. 0.000 min
 Lab File: VY023086.D
 Acq: 14 Aug 2025 11:22

Tgt Ion: 49 Resp: 69276
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 4.2
 130 79.4 66.4 99.6





#29

Tetrahydrofuran

Concen: 85.363 ug/l

RT: 7.262 min Scan# 908

Delta R.T. 0.006 min

Lab File: VY023086.D

Acq: 14 Aug 2025 11:22

Instrument :

MSVOA_Y

ClientSampleId :

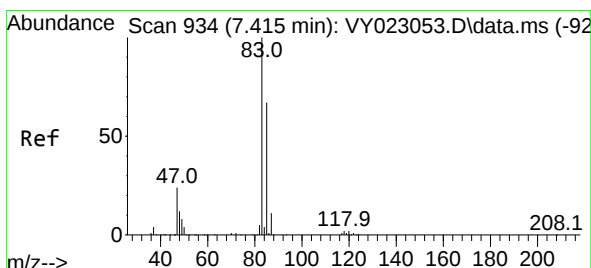
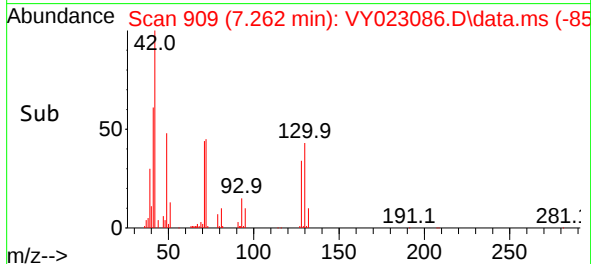
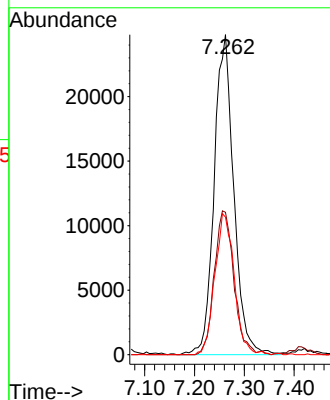
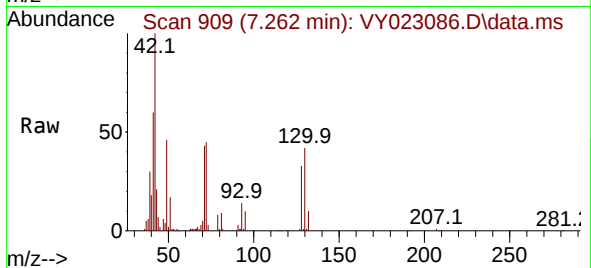
VY0814SBS01

Tgt Ion: 42	Resp: 6773
Ion Ratio	Lower Upper
42	100
72	45.3 39.4 59.2
71	43.6 36.5 54.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/19/2025
Supervised By :Mahesh Dadoda 08/19/2025



#30

Chloroform

Concen: 20.591 ug/l

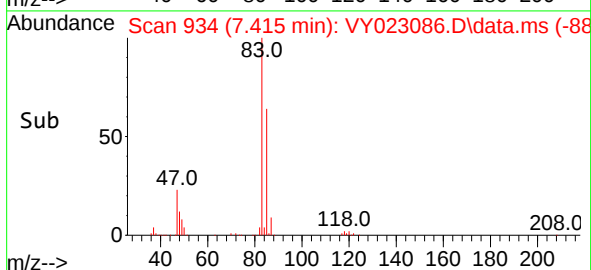
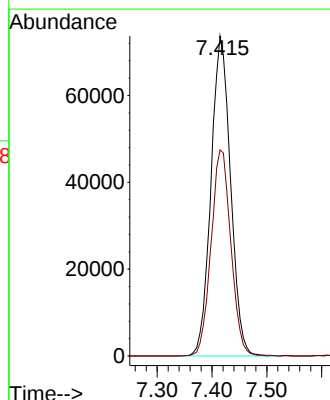
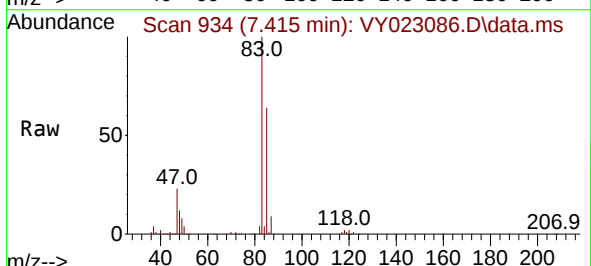
RT: 7.415 min Scan# 934

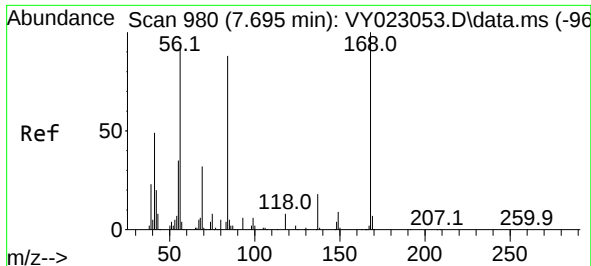
Delta R.T. 0.000 min

Lab File: VY023086.D

Acq: 14 Aug 2025 11:22

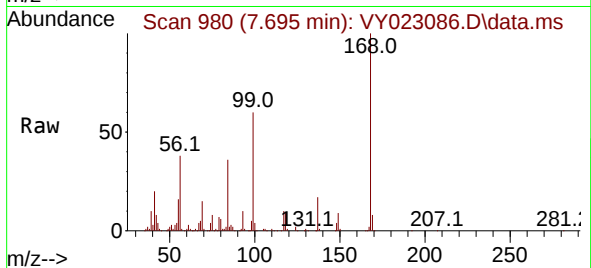
Tgt Ion: 83	Resp: 182352
Ion Ratio	Lower Upper
83	100
85	64.4 53.8 80.8





#31
Cyclohexane
Concen: 19.392 ug/l
RT: 7.695 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY023086.D
Acq: 14 Aug 2025 11:22

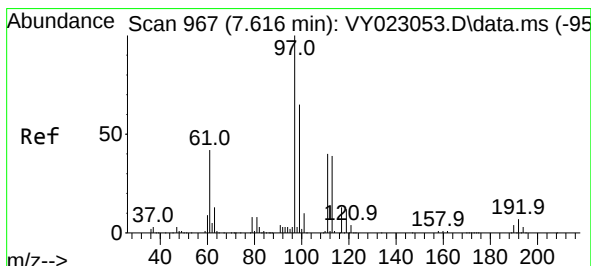
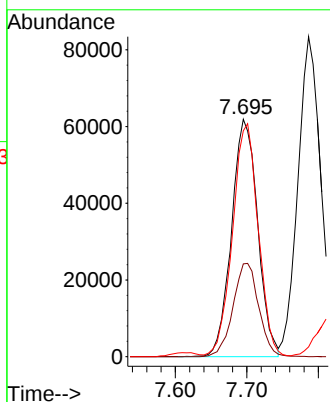
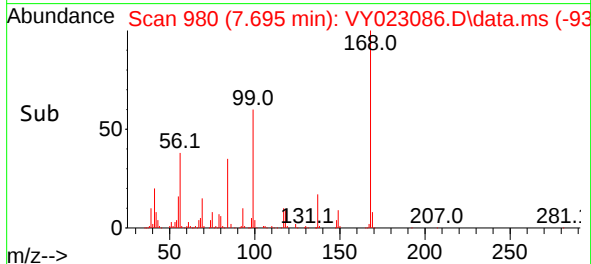
Instrument :
MSVOA_Y
ClientSampleId :
VY0814SBS01



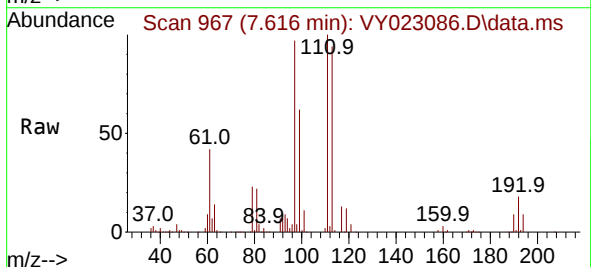
Tgt Ion: 56 Resp: 15691
Ion Ratio Lower Upper
56 100
69 39.1 28.2 42.2
84 93.6 76.6 114.8

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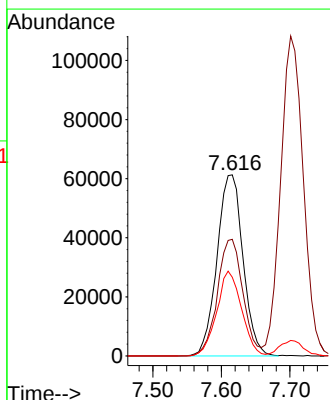
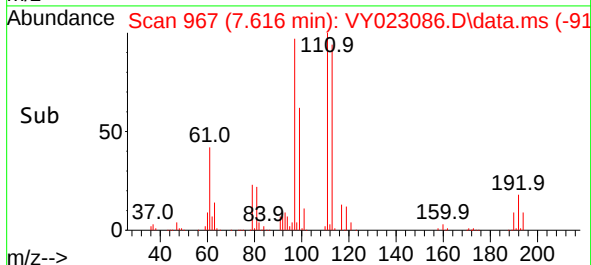
Reviewed By :Semsettin Yesilyurt 08/19/2025
Supervised By :Mahesh Dadoda 08/19/2025



#32
1,1,1-Trichloroethane
Concen: 20.543 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY023086.D
Acq: 14 Aug 2025 11:22



Tgt Ion: 97 Resp: 161426
Ion Ratio Lower Upper
97 100
99 63.4 51.6 77.4
61 44.8 34.2 51.2





#33

1,2-Dichloroethane-d4

Concen: 50.253 ug/l

RT: 8.061 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY023086.D

Acq: 14 Aug 2025 11:22

Instrument :

MSVOA_Y

ClientSampleId :

VY0814SBS01

Tgt Ion: 65 Resp: 21831

Ion Ratio Lower Upper

65 100

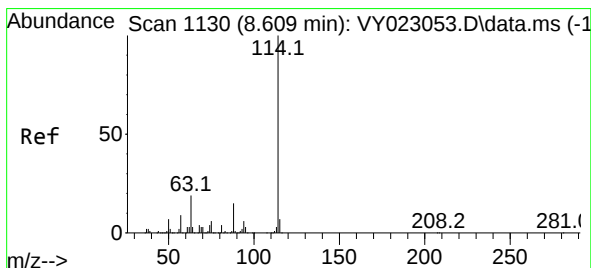
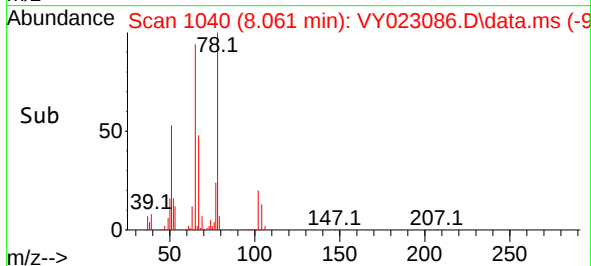
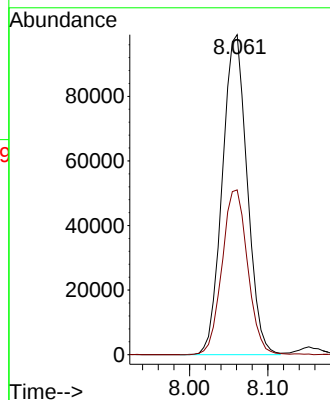
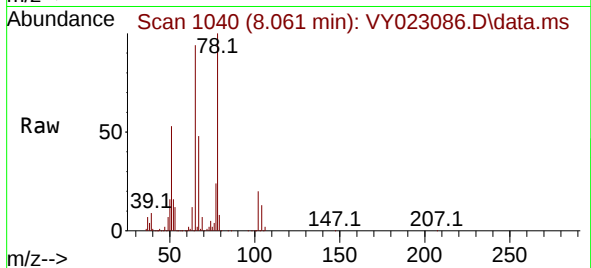
67 53.1 0.0 106.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/19/2025

Supervised By :Mahesh Dadoda 08/19/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VY023086.D

Acq: 14 Aug 2025 11:22

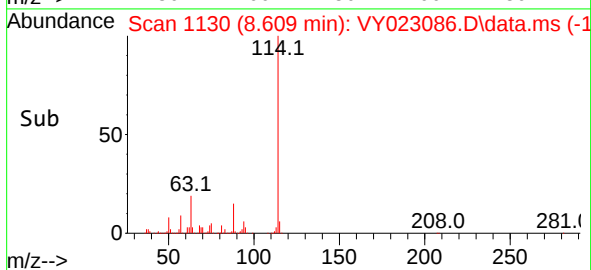
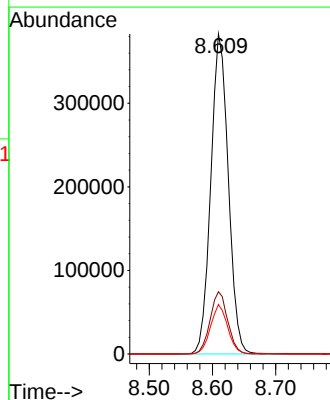
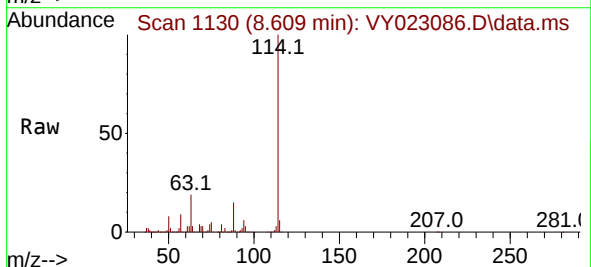
Tgt Ion:114 Resp: 734618

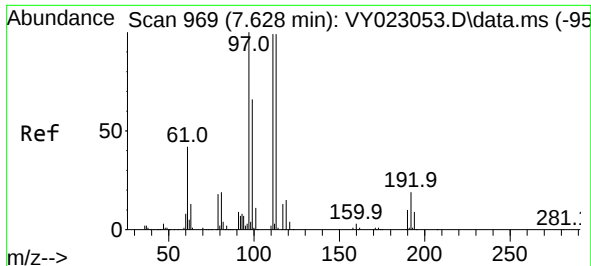
Ion Ratio Lower Upper

114 100

63 19.5 0.0 38.4

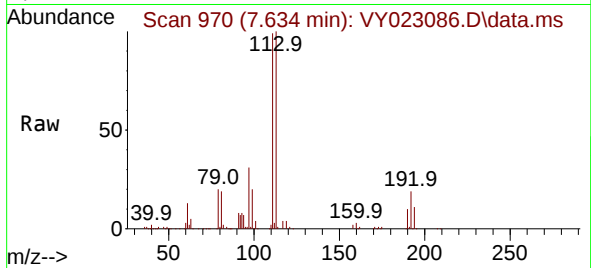
88 15.4 0.0 30.0





#35
Dibromofluoromethane
Concen: 50.078 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023086.D
Acq: 14 Aug 2025 11:22

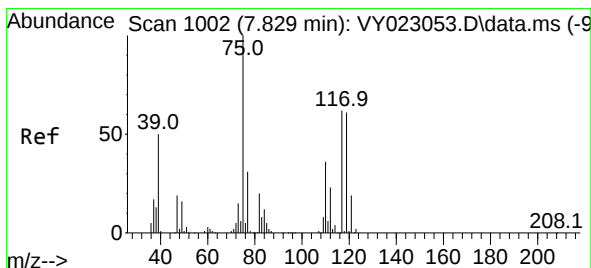
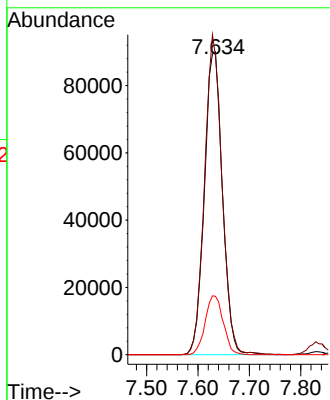
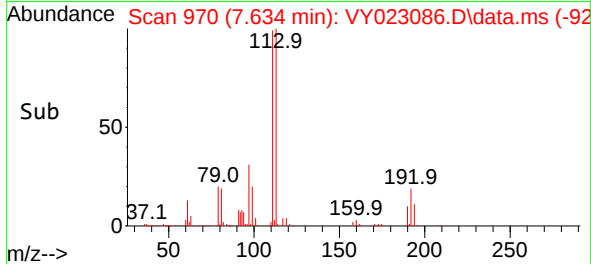
Instrument :
MSVOA_Y
ClientSampleId :
VY0814SBS01



Tgt Ion: 113 Resp: 220130
Ion Ratio Lower Upper
113 100
111 102.0 81.1 121.7
192 19.4 16.2 24.4

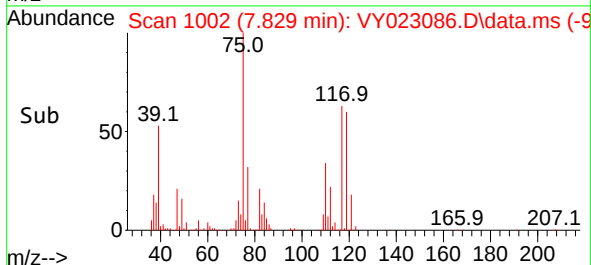
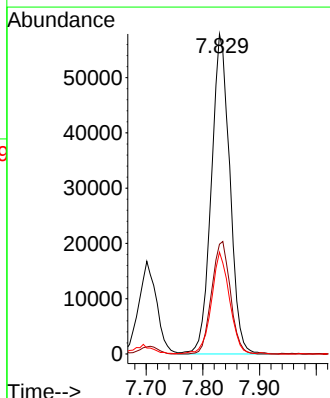
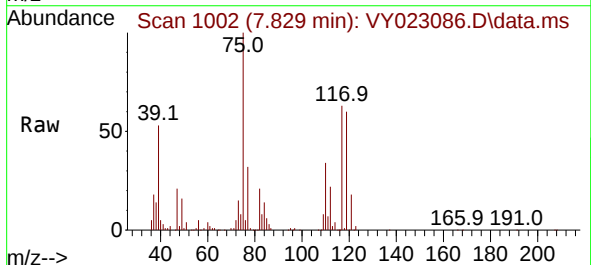
Manual Integrations
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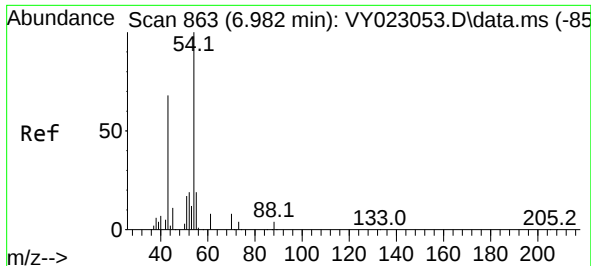
Reviewed By :Semsettin Yesilyurt 08/19/2025
Supervised By :Mahesh Dadoda 08/19/2025



#36
1,1-Dichloropropene
Concen: 20.063 ug/l
RT: 7.829 min Scan# 1002
Delta R.T. 0.000 min
Lab File: VY023086.D
Acq: 14 Aug 2025 11:22

Tgt Ion: 75 Resp: 131067
Ion Ratio Lower Upper
75 100
110 35.5 18.1 54.4
77 30.8 24.6 37.0





#37

Ethyl Acetate

Concen: 16.687 ug/l

RT: 6.982 min Scan# 80

Delta R.T. 0.000 min

Lab File: VY023086.D

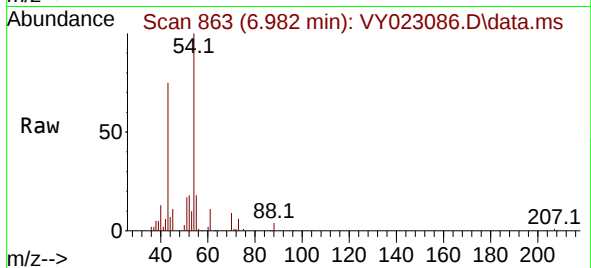
Acq: 14 Aug 2025 11:22

Instrument :

MSVOA_Y

ClientSampleId :

VY0814SBS01



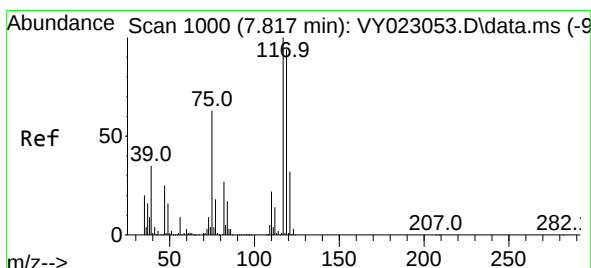
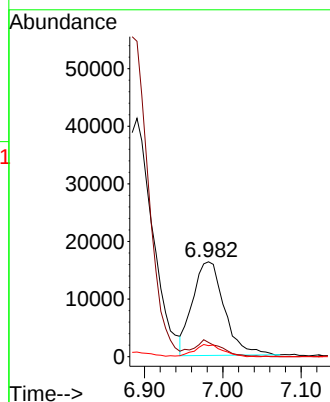
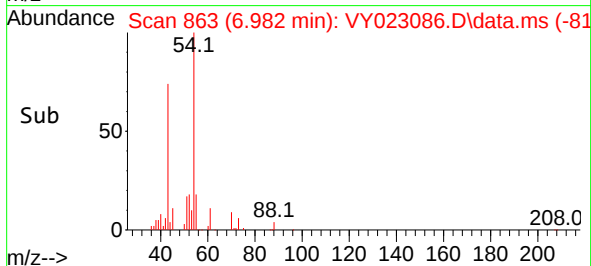
Tgt Ion: 43 Resp: 4579

Ion	Ratio	Lower	Upper
43	100		
61	13.7	11.9	17.9
70	11.4	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/19/2025
Supervised By :Mahesh Dadoda 08/19/2025



#38

Carbon Tetrachloride

Concen: 20.062 ug/l

RT: 7.817 min Scan# 1000

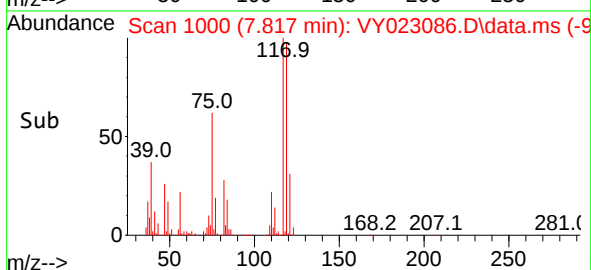
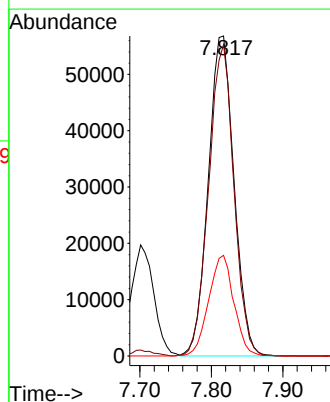
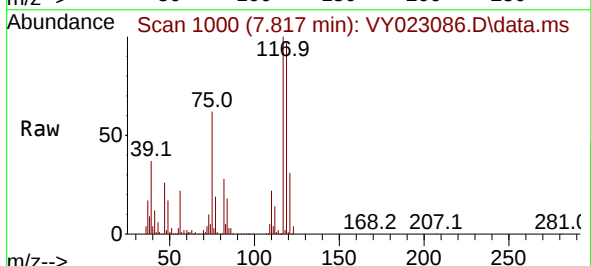
Delta R.T. 0.000 min

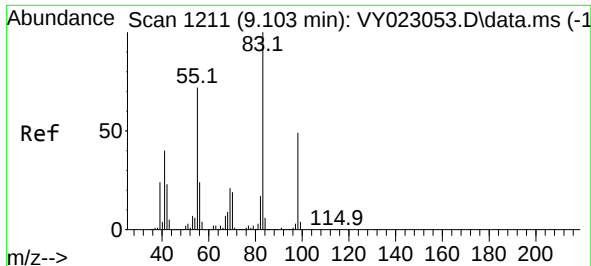
Lab File: VY023086.D

Acq: 14 Aug 2025 11:22

Tgt Ion:117 Resp: 142349

Ion	Ratio	Lower	Upper
117	100		
119	97.2	75.6	113.4
121	31.4	25.8	38.8





#39

Methylcyclohexane

Concen: 18.690 ug/l

RT: 9.109 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023086.D

Acq: 14 Aug 2025 11:22

Instrument :

MSVOA_Y

ClientSampleId :

VY0814SBS01

Tgt Ion: 83 Resp: 16078

Ion Ratio Lower Upper

83 100

55 69.6 57.6 86.4

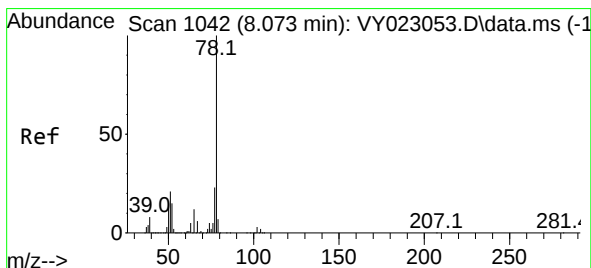
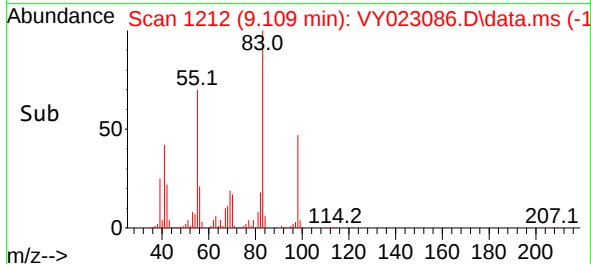
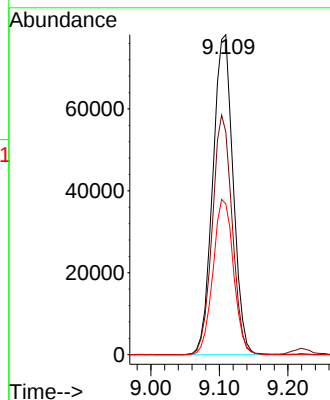
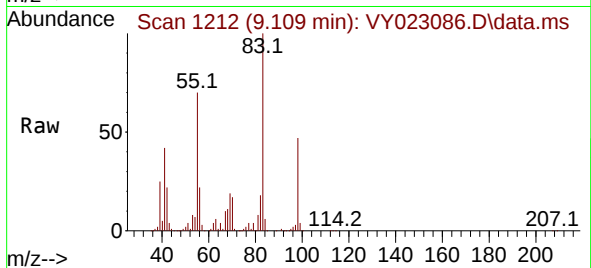
98 47.1 39.2 58.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/19/2025

Supervised By :Mahesh Dadoda 08/19/2025



#40

Benzene

Concen: 20.306 ug/l

RT: 8.073 min Scan# 1042

Delta R.T. 0.000 min

Lab File: VY023086.D

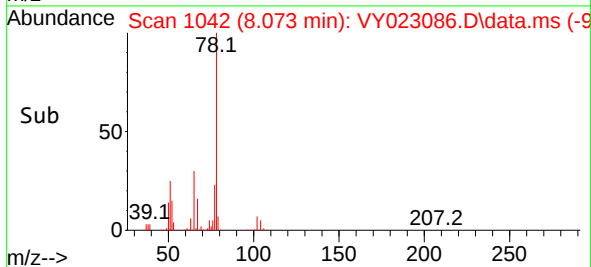
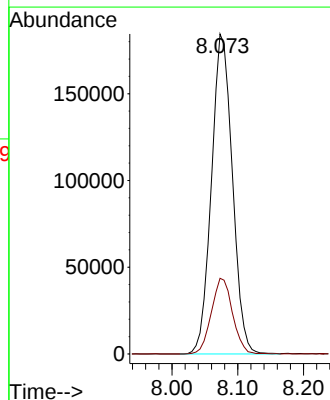
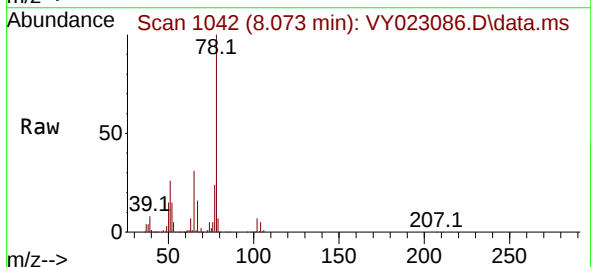
Acq: 14 Aug 2025 11:22

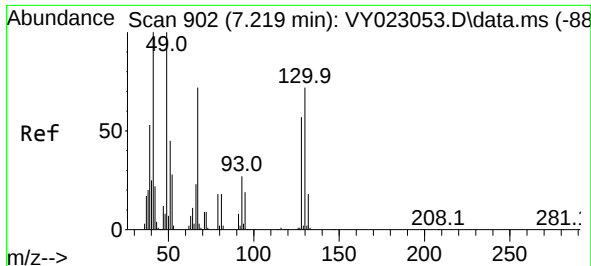
Tgt Ion: 78 Resp: 408860

Ion Ratio Lower Upper

78 100

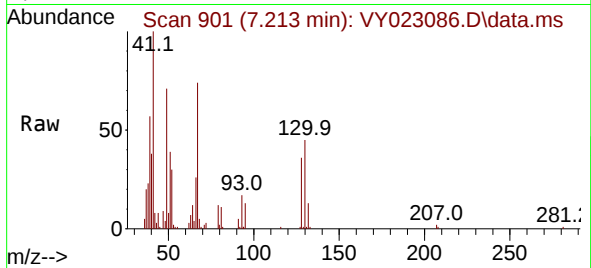
77 23.6 18.6 28.0





#41
Methacrylonitrile
Concen: 14.607 ug/l
RT: 7.213 min Scan# 901
Delta R.T. -0.006 min
Lab File: VY023086.D
Acq: 14 Aug 2025 11:22

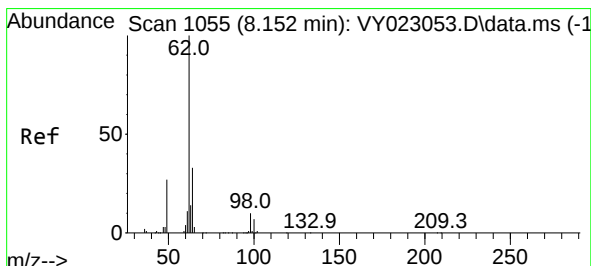
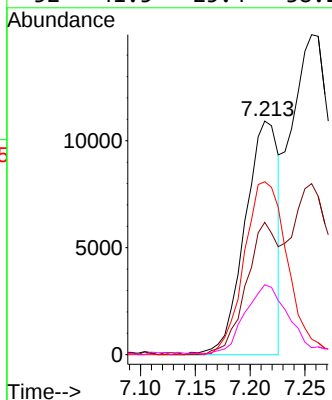
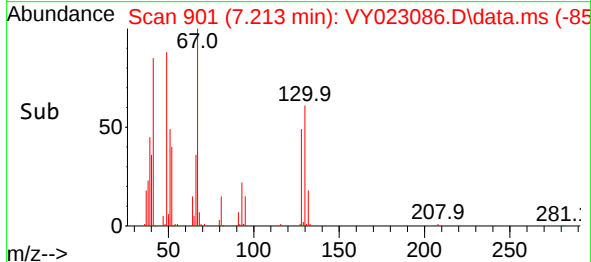
Instrument :
MSVOA_Y
ClientSampleId :
VY0814SBS01



Tgt Ion: 41 Resp: 23134
Ion Ratio Lower Upper
41 100
39 53.2 43.4 65.2
67 97.5 63.6 95.4
52 41.5 25.4 38.2

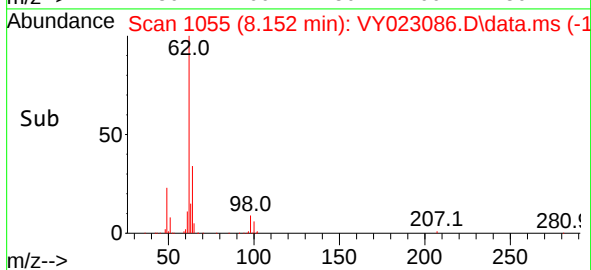
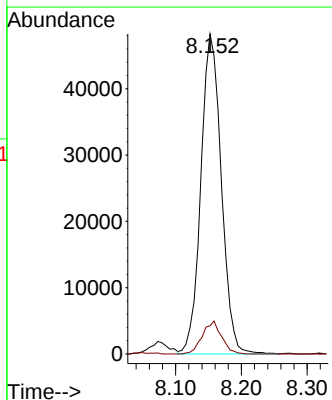
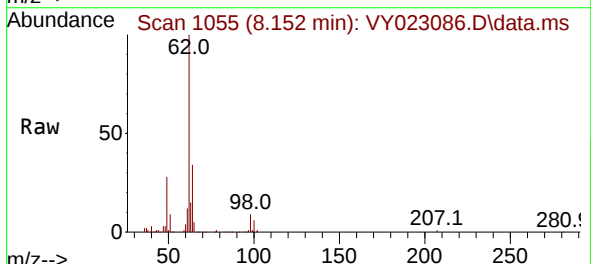
Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 08/19/2025
Supervised By :Mahesh Dadoda 08/19/2025



#42
1,2-Dichloroethane
Concen: 19.970 ug/l
RT: 8.152 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VY023086.D
Acq: 14 Aug 2025 11:22

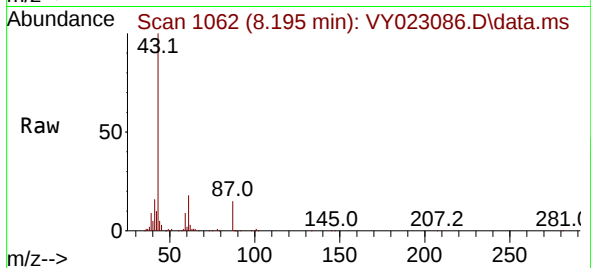
Tgt Ion: 62 Resp: 104577
Ion Ratio Lower Upper
62 100
98 9.6 0.0 20.6





#43
Isopropyl Acetate
Concen: 17.262 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY023086.D
Acq: 14 Aug 2025 11:22

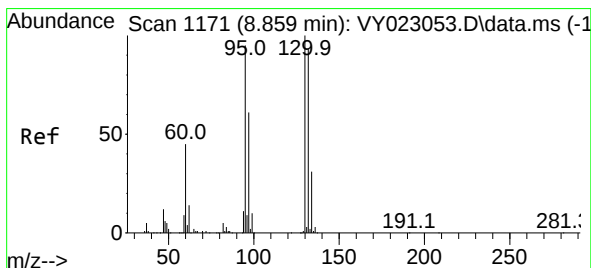
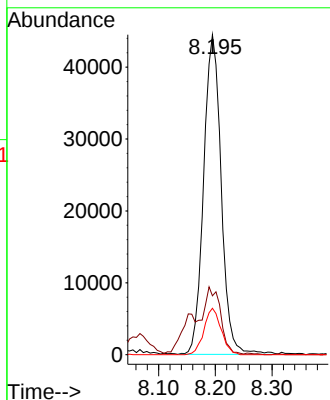
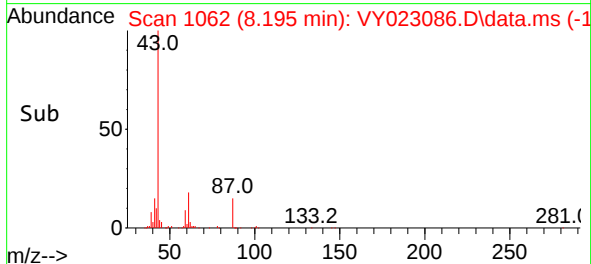
Instrument :
MSVOA_Y
ClientSampleId :
VY0814SBS01



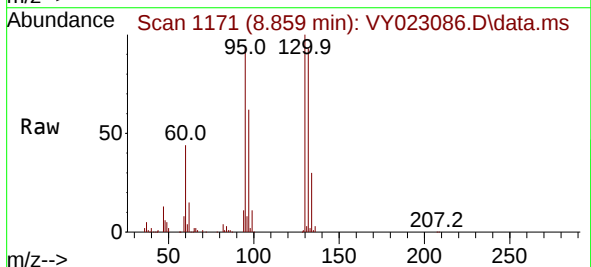
Tgt Ion: 43 Resp: 95749
Ion Ratio Lower Upper
43 100
61 19.7 16.4 24.6
87 14.2 11.8 17.6

Manual Integrations
APPROVED

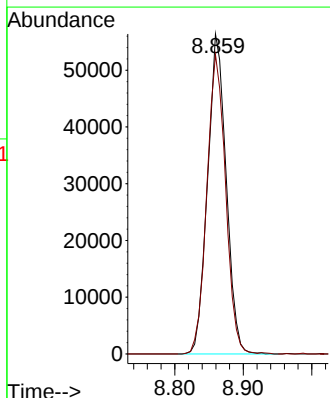
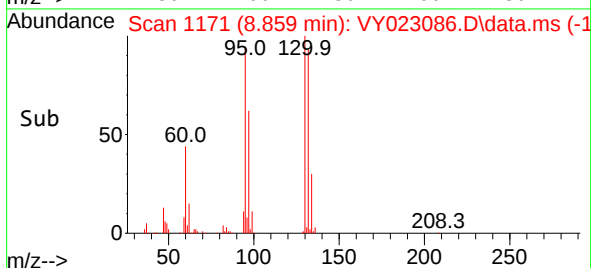
Reviewed By :Semsettin Yesilyurt 08/19/2025
Supervised By :Mahesh Dadoda 08/19/2025



#44
Trichloroethene
Concen: 20.488 ug/l
RT: 8.859 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VY023086.D
Acq: 14 Aug 2025 11:22



Tgt Ion:130 Resp: 106605
Ion Ratio Lower Upper
130 100
95 93.6 0.0 190.2





#45

1,2-Dichloropropane

Concen: 20.603 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY023086.D

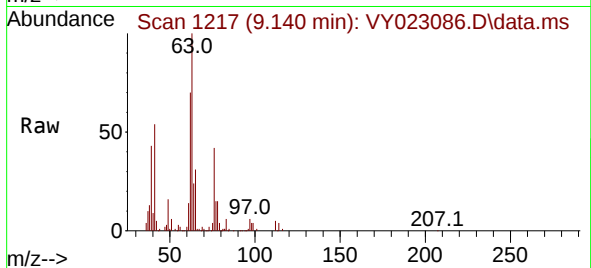
Acq: 14 Aug 2025 11:22

Instrument :

MSVOA_Y

ClientSampleId :

VY0814SBS01



Tgt Ion: 63 Resp: 9544

Ion Ratio Lower Upper

63 100

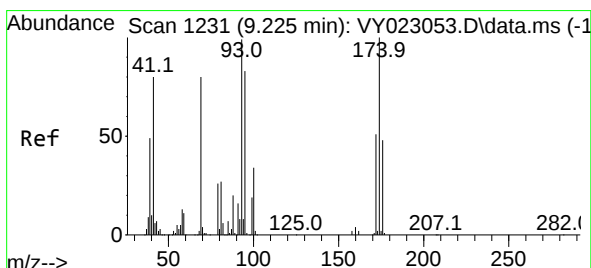
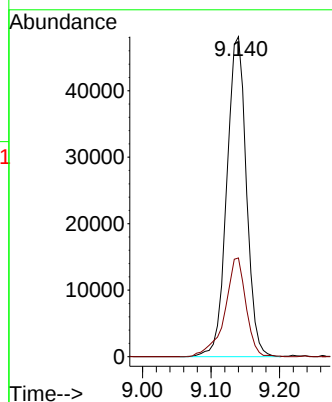
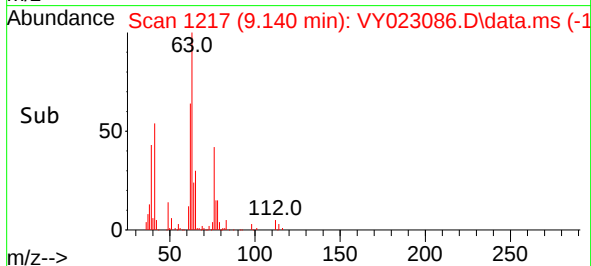
65 30.8 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/19/2025

Supervised By :Mahesh Dadoda 08/19/2025



#46

Dibromomethane

Concen: 19.543 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. 0.000 min

Lab File: VY023086.D

Acq: 14 Aug 2025 11:22

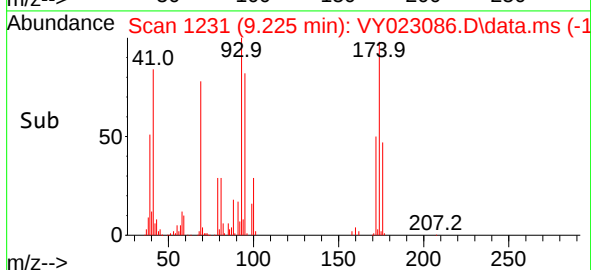
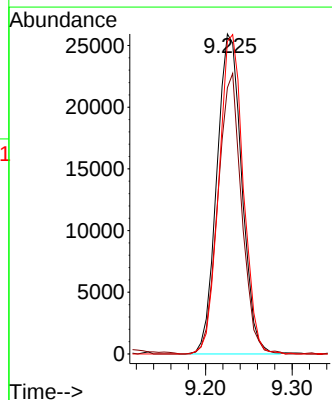
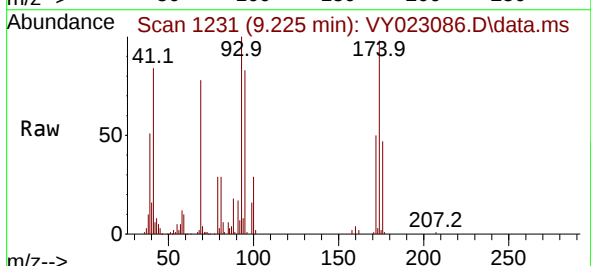
Tgt Ion: 93 Resp: 51967

Ion Ratio Lower Upper

93 100

95 82.9 66.5 99.7

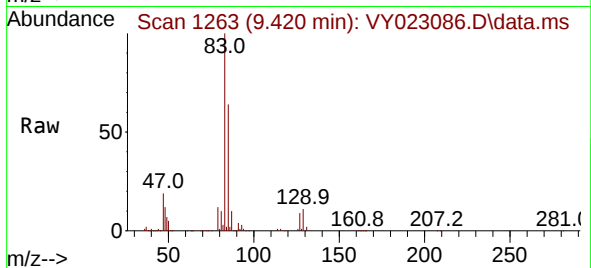
174 97.3 81.8 122.8





#47
Bromodichloromethane
Concen: 20.042 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VY023086.D
Acq: 14 Aug 2025 11:22

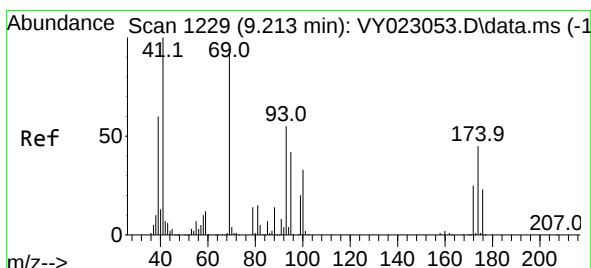
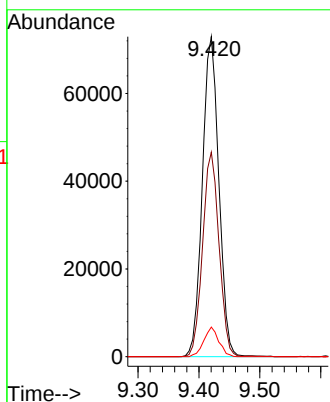
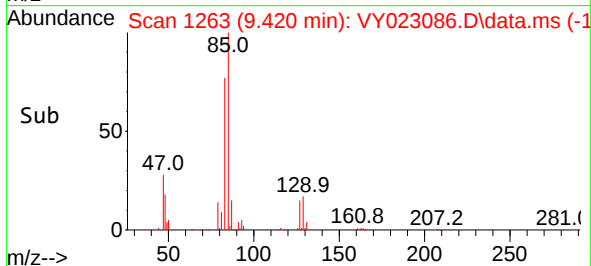
Instrument :
MSVOA_Y
ClientSampleId :
VY0814SBS01



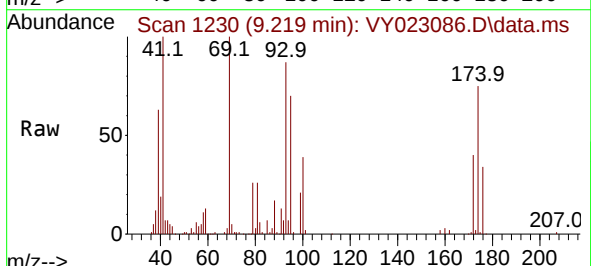
Tgt Ion: 83 Resp: 13713
Ion Ratio Lower Upper
83 100
85 63.9 50.2 75.4
127 9.2 6.6 10.0

Manual Integrations
APPROVED

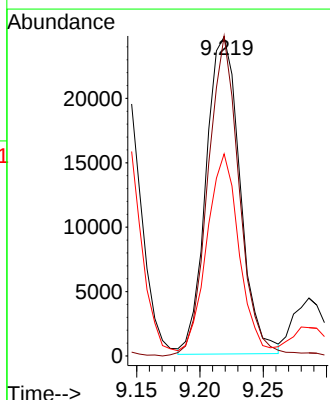
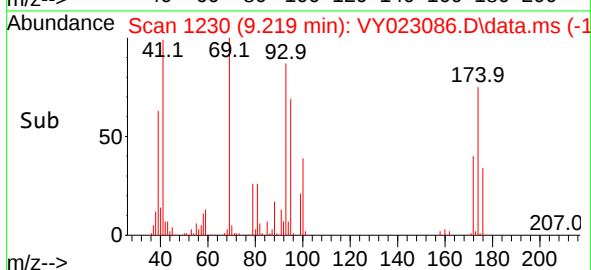
Reviewed By :Semsettin Yesilyurt 08/19/2025
Supervised By :Mahesh Dadoda 08/19/2025



#48
Methyl methacrylate
Concen: 17.327 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.006 min
Lab File: VY023086.D
Acq: 14 Aug 2025 11:22



Tgt Ion: 41 Resp: 45987
Ion Ratio Lower Upper
41 100
69 93.6 73.2 109.8
39 58.0 47.0 70.4





#49

1,4-Dioxane

Concen: 345.913 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. 0.000 min

Lab File: VY023086.D

Acq: 14 Aug 2025 11:22

Instrument :

MSVOA_Y

ClientSampleId :

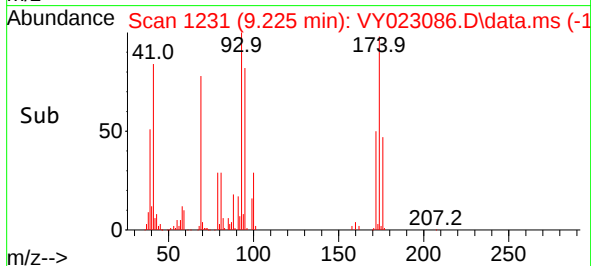
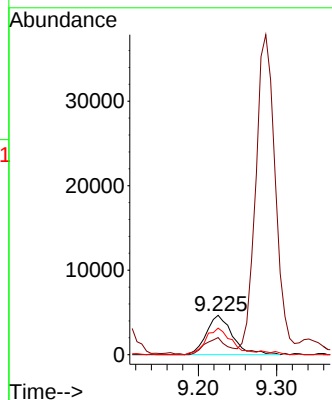
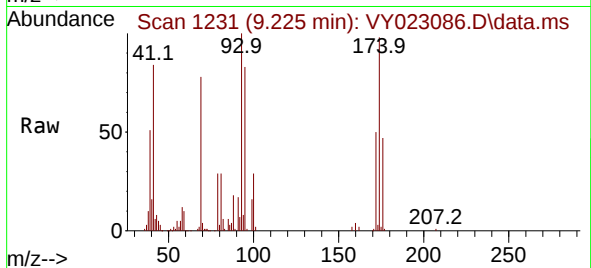
VY0814SBS01

Tgt Ion: 88	Resp: 1078
Ion Ratio	Lower Upper
88	100
43	37.3 24.3 36.5
58	67.2 55.4 83.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/19/2025
Supervised By :Mahesh Dadoda 08/19/2025



#50

Toluene-d8

Concen: 50.855 ug/l

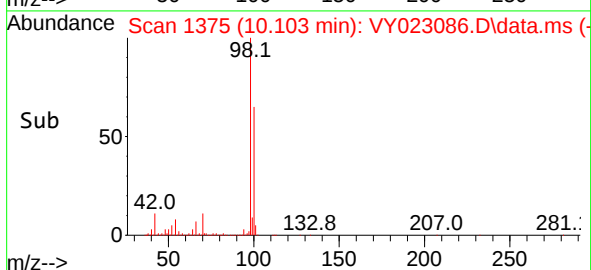
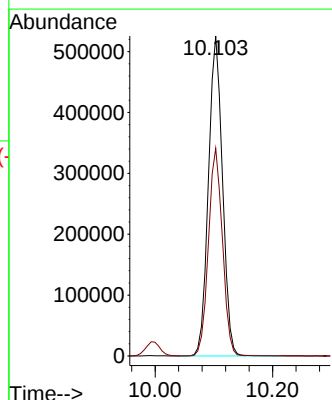
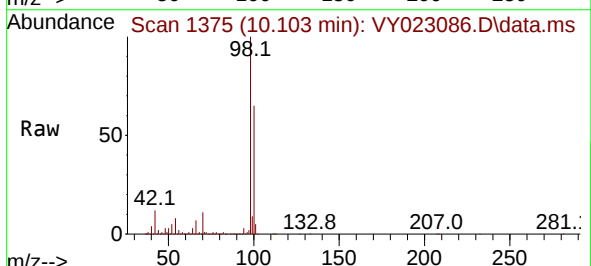
RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY023086.D

Acq: 14 Aug 2025 11:22

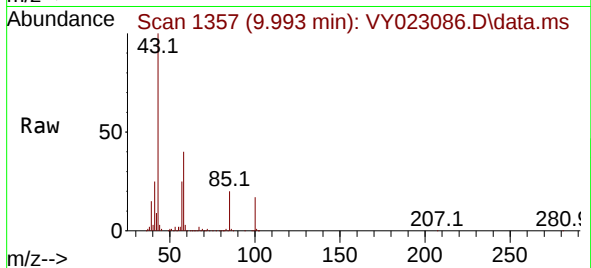
Tgt Ion: 98	Resp: 873299
Ion Ratio	Lower Upper
98	100
100	64.5 52.3 78.5





#51
4-Methyl-2-Pentanone
Concen: 83.495 ug/l
RT: 9.993 min Scan# 1357
Delta R.T. 0.000 min
Lab File: VY023086.D
Acq: 14 Aug 2025 11:22

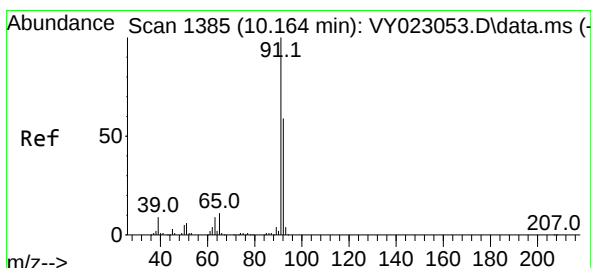
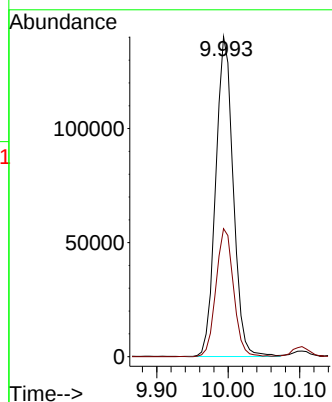
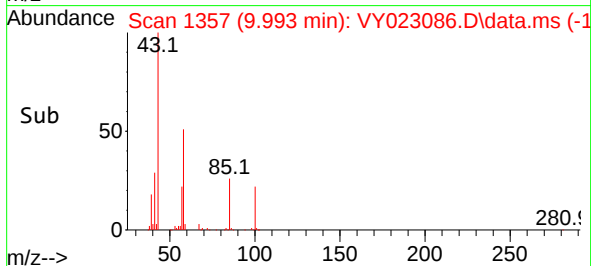
Instrument :
MSVOA_Y
ClientSampleId :
VY0814SBS01



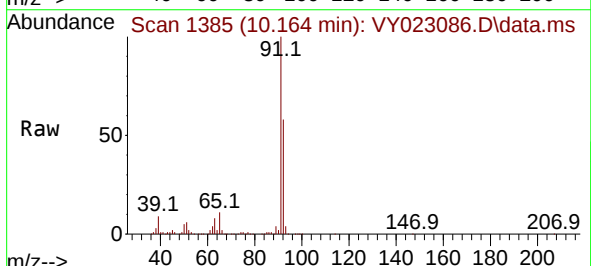
Tgt Ion: 43 Resp: 23888
Ion Ratio Lower Upper
43 100
58 40.1 33.5 50.3

Manual Integrations
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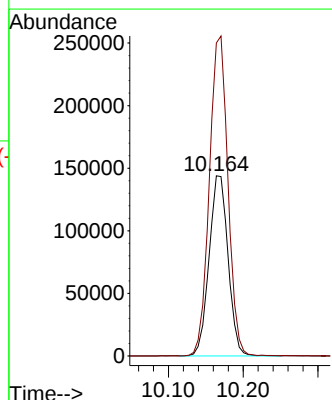
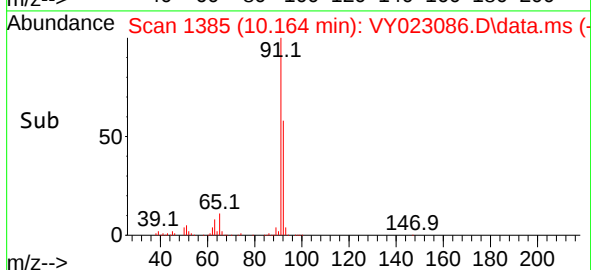
Reviewed By :Semsettin Yesilyurt 08/19/2025
Supervised By :Mahesh Dadoda 08/19/2025

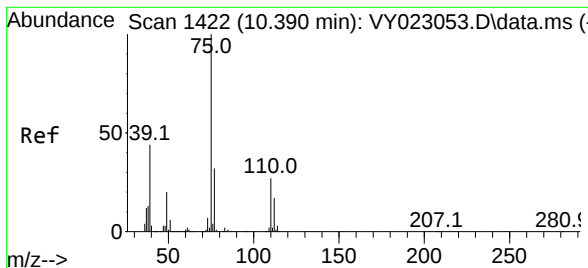


#52
Toluene
Concen: 19.780 ug/l
RT: 10.164 min Scan# 1385
Delta R.T. 0.000 min
Lab File: VY023086.D
Acq: 14 Aug 2025 11:22



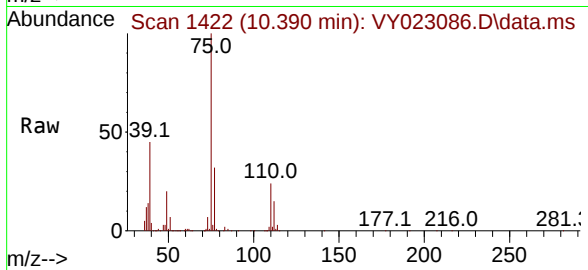
Tgt Ion: 92 Resp: 252944
Ion Ratio Lower Upper
92 100
91 174.7 136.4 204.6





#53
t-1,3-Dichloropropene
Concen: 18.458 ug/l
RT: 10.390 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VY023086.D
Acq: 14 Aug 2025 11:22

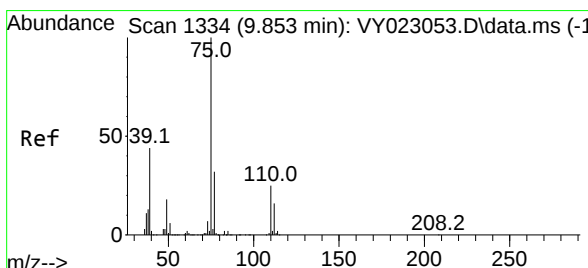
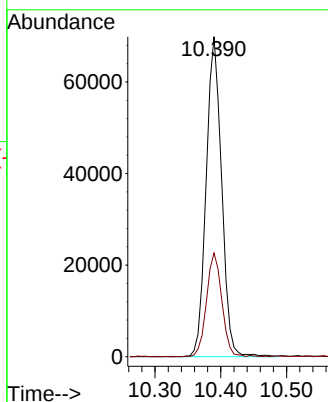
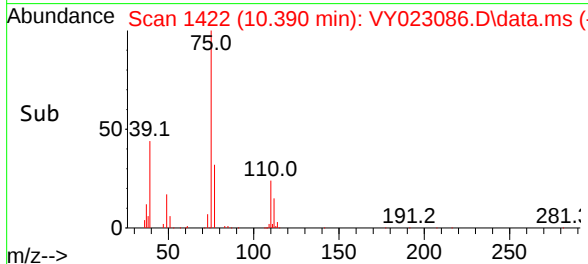
Instrument :
MSVOA_Y
ClientSampleId :
VY0814SBS01



Tgt Ion: 75 Resp: 114364
Ion Ratio Lower Upper
75 100
77 32.3 25.7 38.5

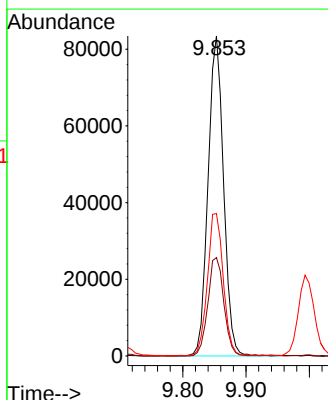
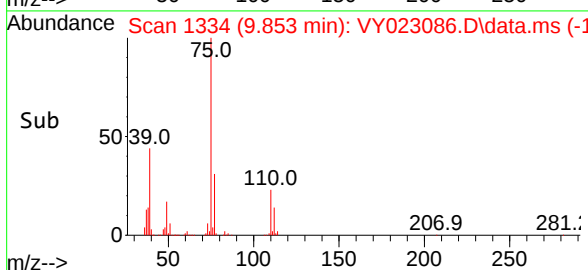
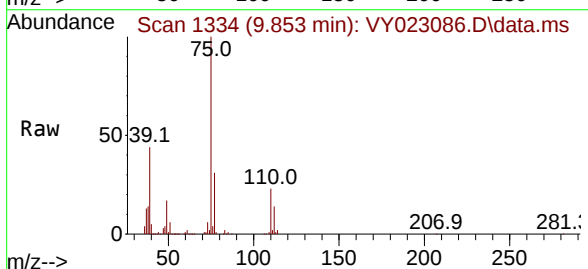
Manual Integrations
APPROVED

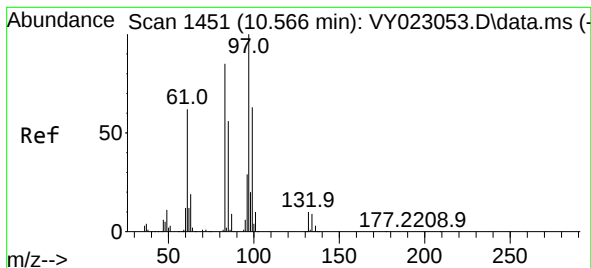
Reviewed By :Semsettin Yesilyurt 08/19/2025
Supervised By :Mahesh Dadoda 08/19/2025



#54
cis-1,3-Dichloropropene
Concen: 19.379 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. 0.000 min
Lab File: VY023086.D
Acq: 14 Aug 2025 11:22

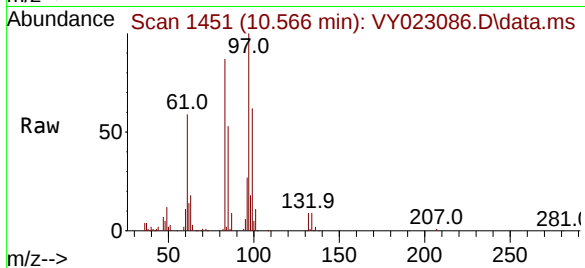
Tgt Ion: 75 Resp: 141980
Ion Ratio Lower Upper
75 100
77 30.7 25.4 38.0
39 44.3 35.6 53.4





#55
1,1,2-Trichloroethane
Concen: 18.734 ug/l
RT: 10.566 min Scan# 1451
Delta R.T. 0.000 min
Lab File: VY023086.D
Acq: 14 Aug 2025 11:22

Instrument : MSVOA_Y
ClientSampleId : VY0814SBS01

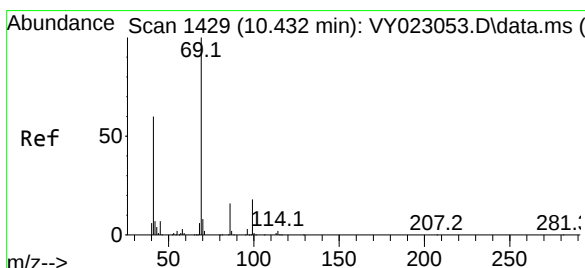
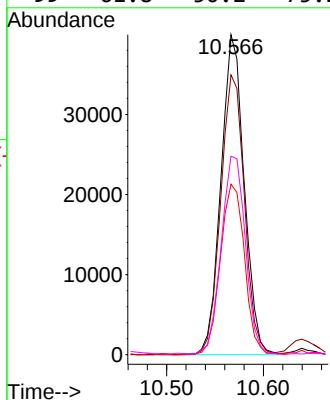
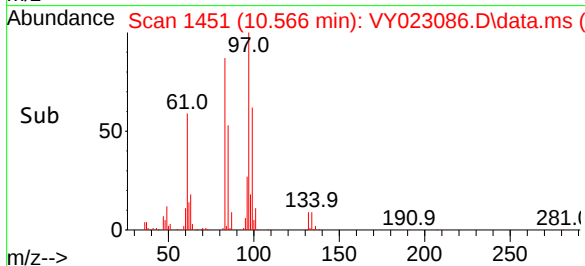


Tgt Ion: 97 Resp: 66658

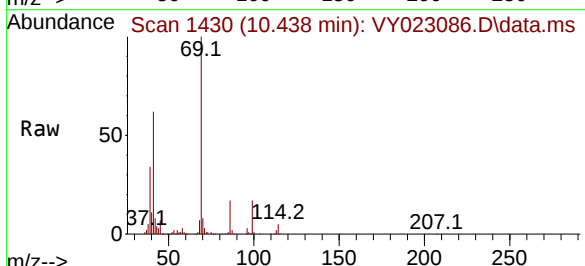
Ion	Ratio	Lower	Upper
97	100		
83	87.4	67.7	101.5
85	53.3	44.5	66.7
99	61.8	50.2	75.2

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 08/19/2025
Supervised By :Mahesh Dadoda 08/19/2025

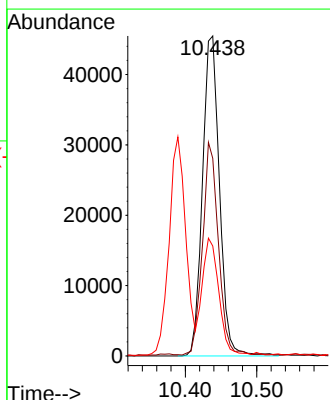
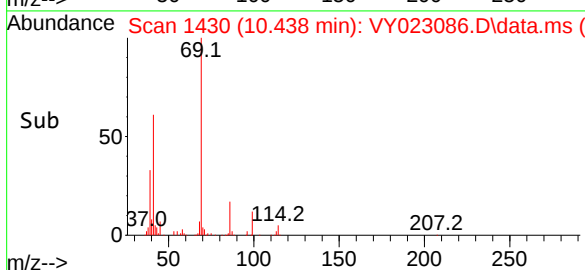


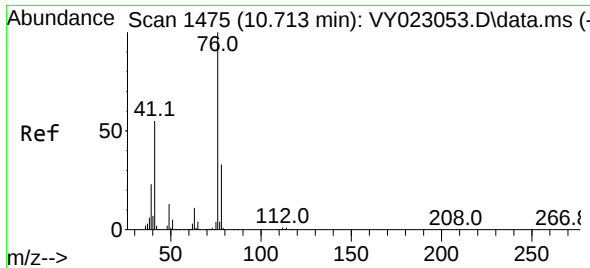
#56
Ethyl methacrylate
Concen: 16.500 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VY023086.D
Acq: 14 Aug 2025 11:22



Tgt Ion: 69 Resp: 75122

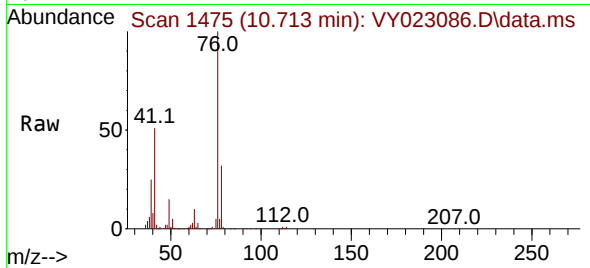
Ion	Ratio	Lower	Upper
69	100		
41	61.9	48.6	72.8
39	35.1	27.0	40.4





#57
1,3-Dichloropropane
Concen: 19.034 ug/l
RT: 10.713 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VY023086.D
Acq: 14 Aug 2025 11:22

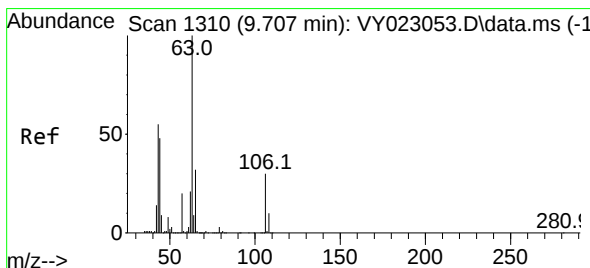
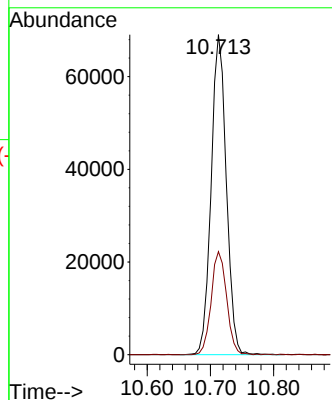
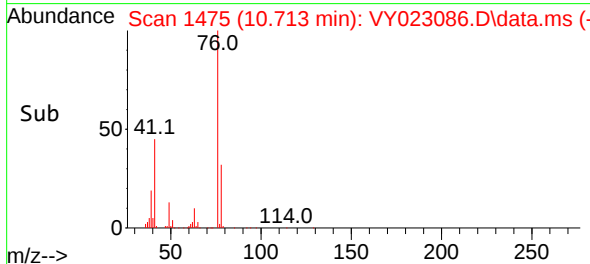
Instrument :
MSVOA_Y
ClientSampleId :
VY0814SBS01



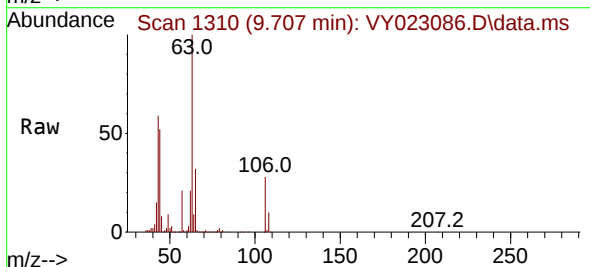
Tgt Ion: 76 Resp: 114859
Ion Ratio Lower Upper
76 100
78 32.7 26.0 39.0

Manual Integrations
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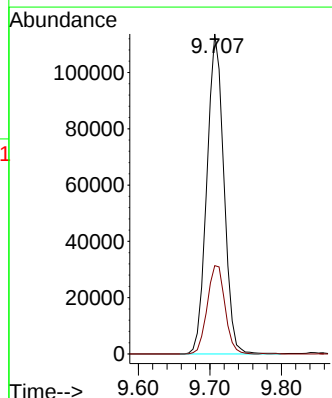
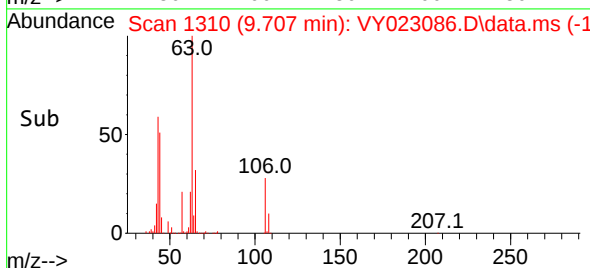
Reviewed By :Semsettin Yesilyurt 08/19/2025
Supervised By :Mahesh Dadoda 08/19/2025

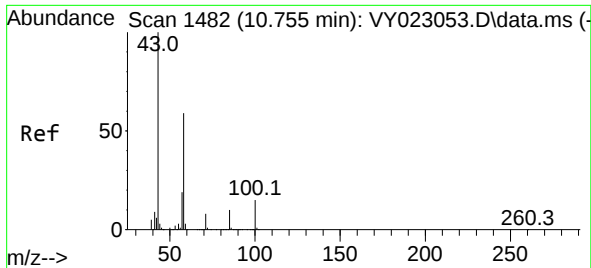


#58
2-Chloroethyl Vinyl ether
Concen: 87.167 ug/l
RT: 9.707 min Scan# 1310
Delta R.T. 0.000 min
Lab File: VY023086.D
Acq: 14 Aug 2025 11:22



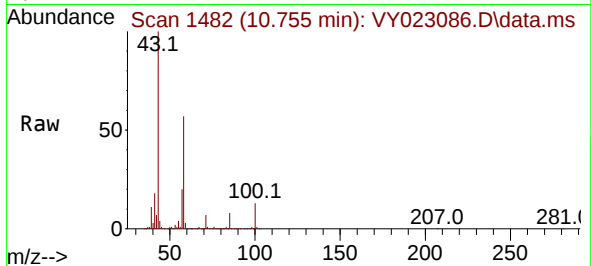
Tgt Ion: 63 Resp: 187201
Ion Ratio Lower Upper
63 100
106 28.9 23.2 34.8





#59
2-Hexanone
Concen: 81.934 ug/l
RT: 10.755 min Scan# 1482
Delta R.T. 0.000 min
Lab File: VY023086.D
Acq: 14 Aug 2025 11:22

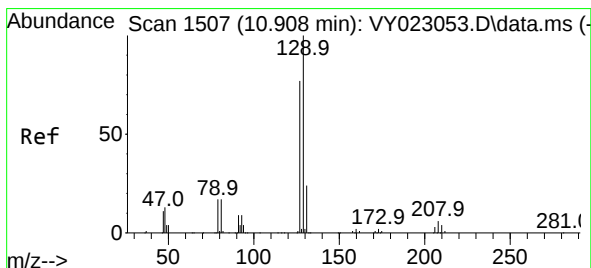
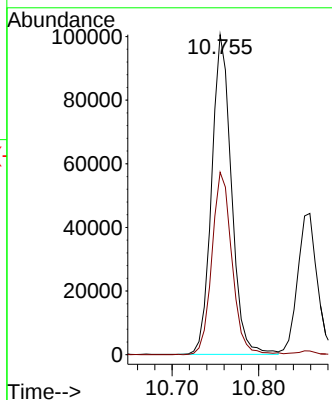
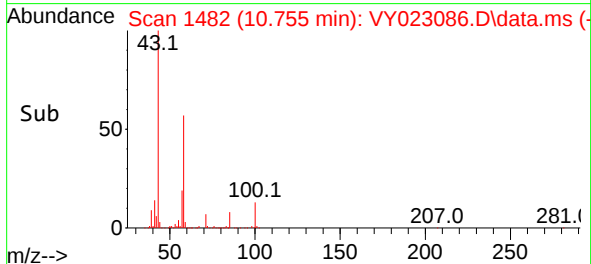
Instrument :
MSVOA_Y
ClientSampleId :
VY0814SBS01



Tgt Ion: 43 Resp: 159619
Ion Ratio Lower Upper
43 100
58 57.8 29.5 88.5

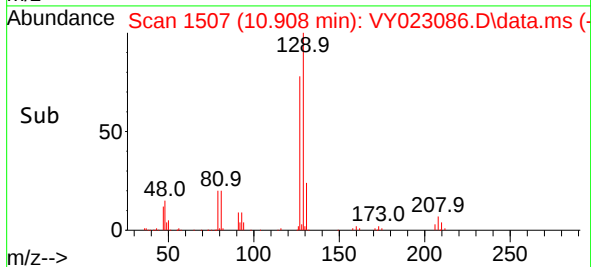
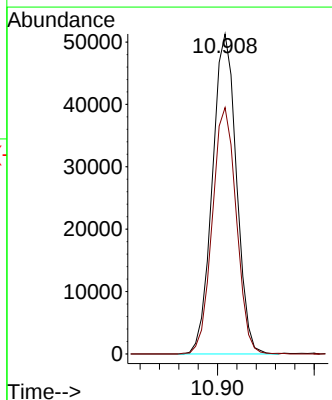
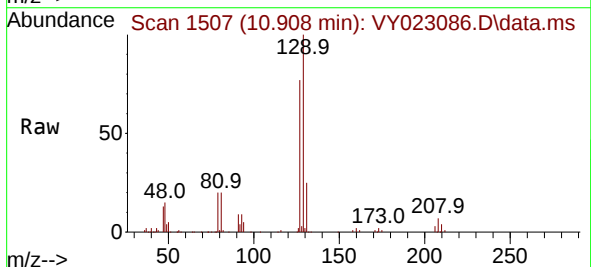
Manual Integrations
APPROVED

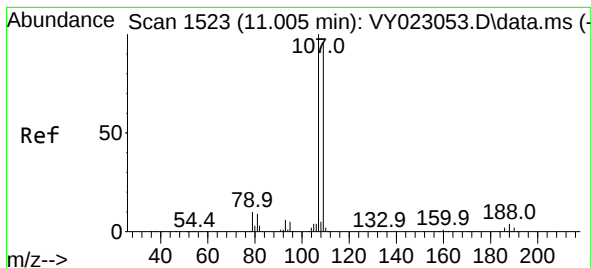
Reviewed By :Semsettin Yesilyurt 08/19/2025
Supervised By :Mahesh Dadoda 08/19/2025



#60
Dibromochloromethane
Concen: 18.819 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY023086.D
Acq: 14 Aug 2025 11:22

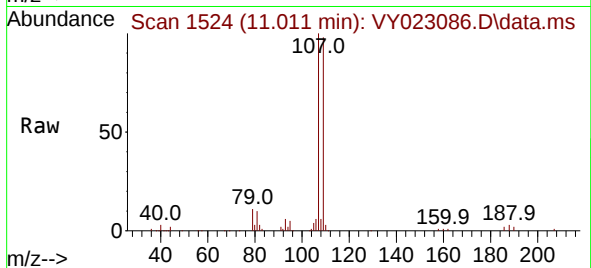
Tgt Ion:129 Resp: 88354
Ion Ratio Lower Upper
129 100
127 76.8 38.5 115.5





#61
1,2-Dibromoethane
Concen: 18.463 ug/l
RT: 11.011 min Scan# 1523
Delta R.T. 0.006 min
Lab File: VY023086.D
Acq: 14 Aug 2025 11:22

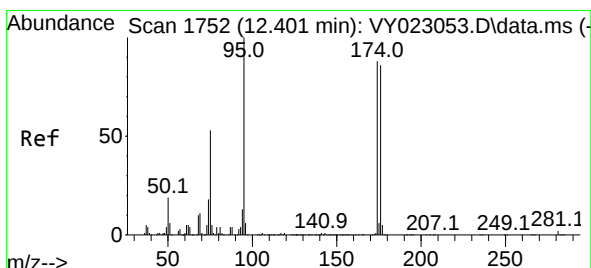
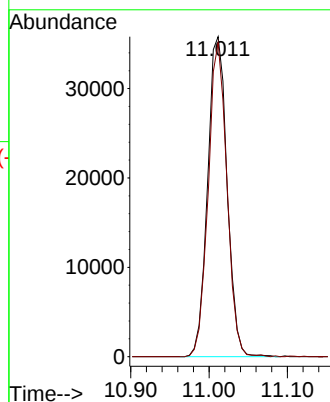
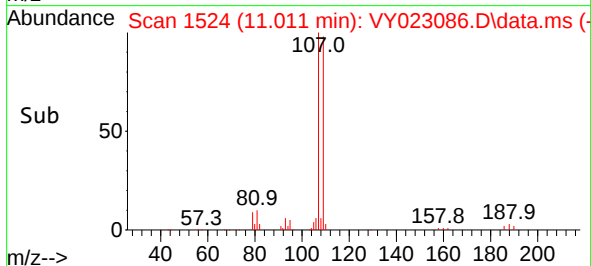
Instrument :
MSVOA_Y
ClientSampleId :
VY0814SBS01



Tgt Ion:107 Resp: 61740
Ion Ratio Lower Upper
107 100
109 94.4 75.6 113.4

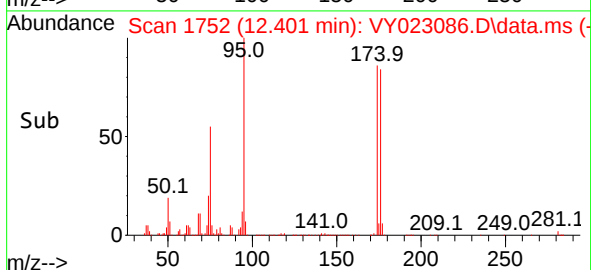
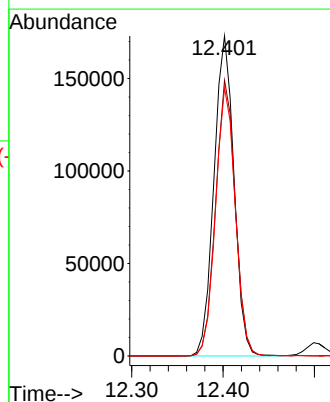
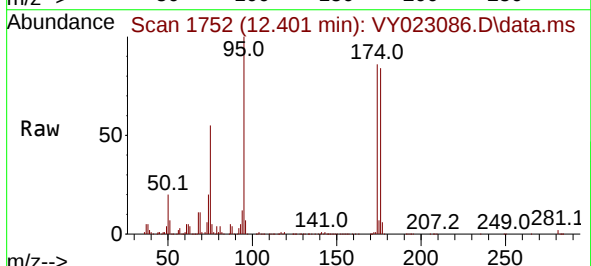
Manual Integrations
APPROVED

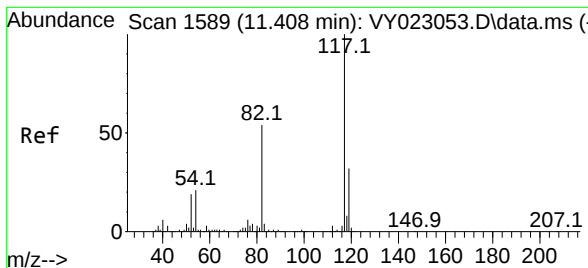
Reviewed By :Semsettin Yesilyurt 08/19/2025
Supervised By :Mahesh Dadoda 08/19/2025



#62
4-Bromofluorobenzene
Concen: 47.657 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY023086.D
Acq: 14 Aug 2025 11:22

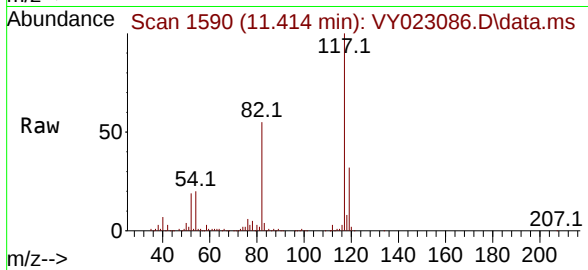
Tgt Ion: 95 Resp: 263190
Ion Ratio Lower Upper
95 100
174 84.7 0.0 171.6
176 82.8 0.0 167.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11590
Delta R.T. 0.006 min
Lab File: VY023086.D
Acq: 14 Aug 2025 11:22

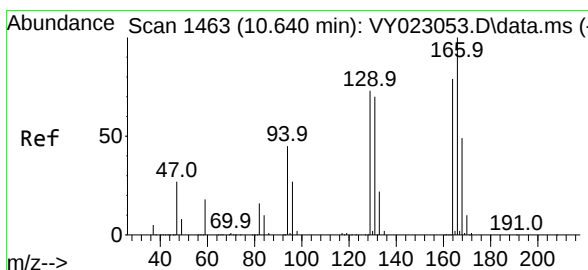
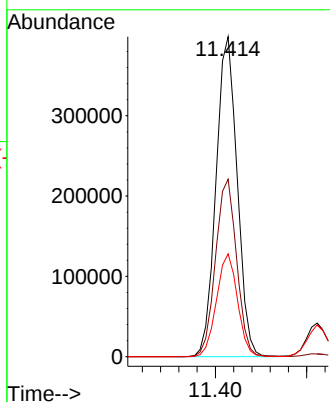
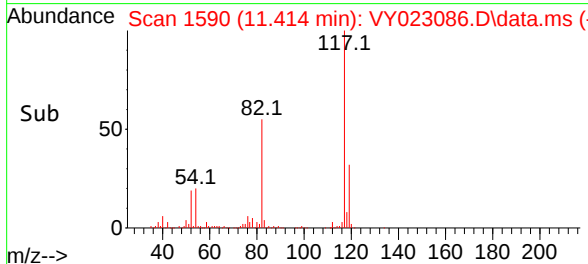
Instrument :
MSVOA_Y
ClientSampleId :
VY0814SBS01



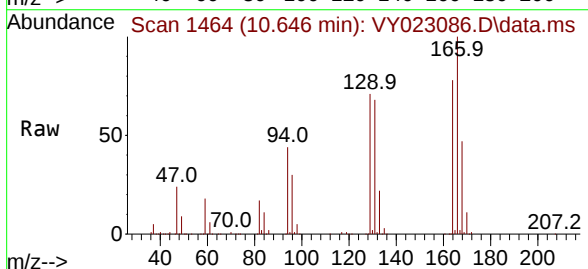
Tgt Ion:117 Resp: 641778
Ion Ratio Lower Upper
117 100
82 55.5 43.4 65.0
119 32.2 25.6 38.4

Manual Integrations
APPROVED

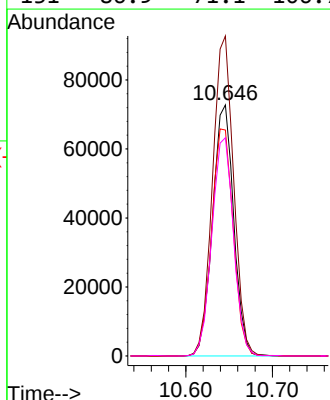
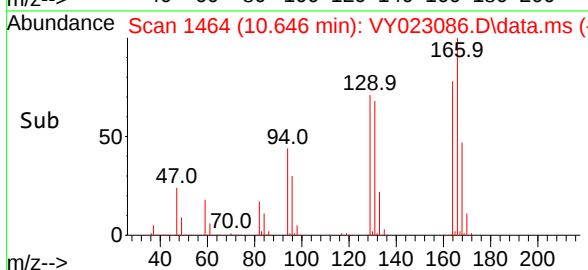
Reviewed By :Semsettin Yesilyurt 08/19/2025
Supervised By :Mahesh Dadoda 08/19/2025

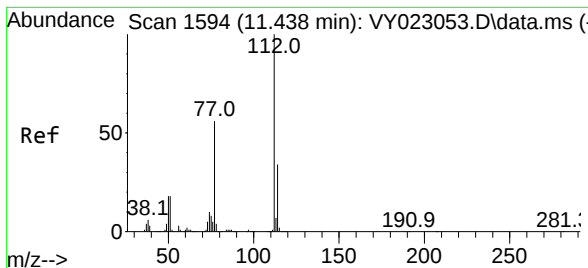


#64
Tetrachloroethene
Concen: 21.538 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VY023086.D
Acq: 14 Aug 2025 11:22



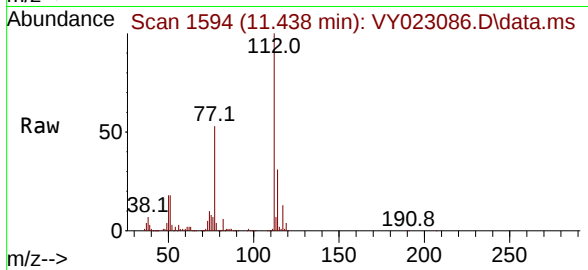
Tgt Ion:164 Resp: 123429
Ion Ratio Lower Upper
164 100
166 127.4 101.1 151.7
129 90.0 74.0 111.0
131 86.9 71.1 106.7





#65
Chlorobenzene
Concen: 19.716 ug/l
RT: 11.438 min Scan# 11594
Delta R.T. 0.000 min
Lab File: VY023086.D
Acq: 14 Aug 2025 11:22

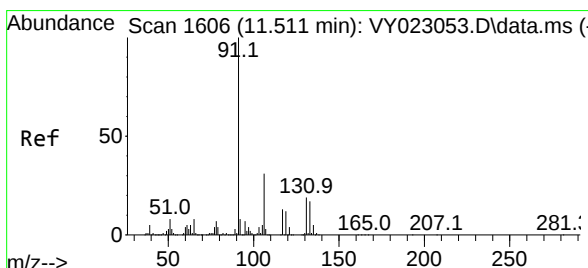
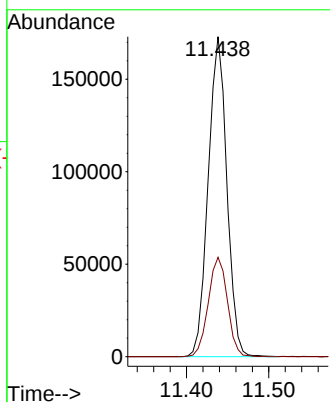
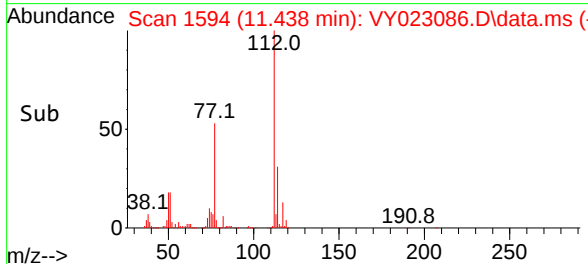
Instrument :
MSVOA_Y
ClientSampleId :
VY0814SBS01



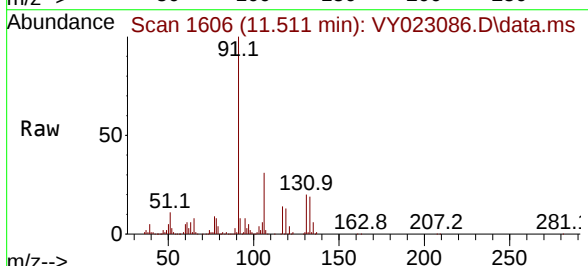
Tgt Ion:112 Resp: 27293
Ion Ratio Lower Upper
112 100
114 31.1 27.0 40.4

Manual Integrations
APPROVED

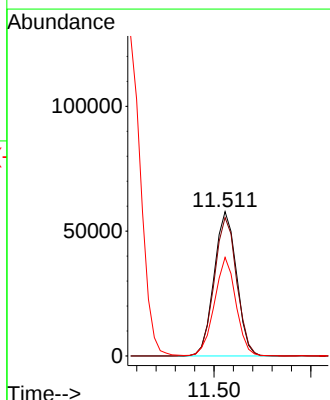
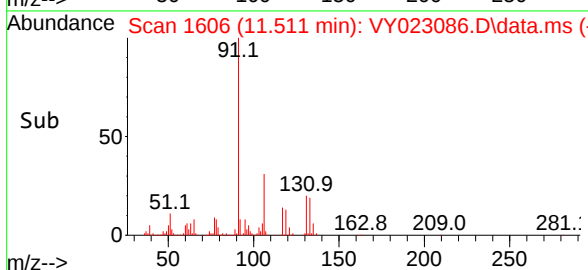
Reviewed By :Semsettin Yesilyurt 08/19/2025
Supervised By :Mahesh Dadoda 08/19/2025

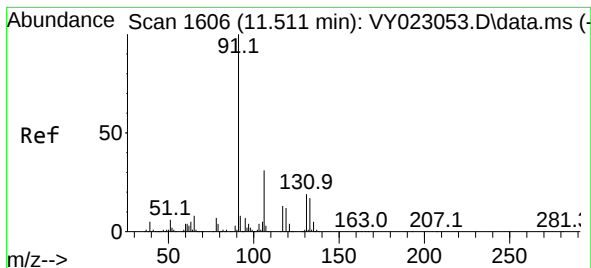


#66
1,1,1,2-Tetrachloroethane
Concen: 19.819 ug/l
RT: 11.511 min Scan# 1606
Delta R.T. 0.000 min
Lab File: VY023086.D
Acq: 14 Aug 2025 11:22



Tgt Ion:131 Resp: 93115
Ion Ratio Lower Upper
131 100
133 96.1 46.9 140.6
119 65.5 33.2 99.6





#67

Ethyl Benzene

Concen: 19.391 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. 0.006 min

Lab File: VY023086.D

Acq: 14 Aug 2025 11:22

Instrument :

MSVOA_Y

ClientSampleId :

VY0814SBS01

Tgt Ion: 91 Resp: 461952

Ion Ratio Lower Upper

91 100

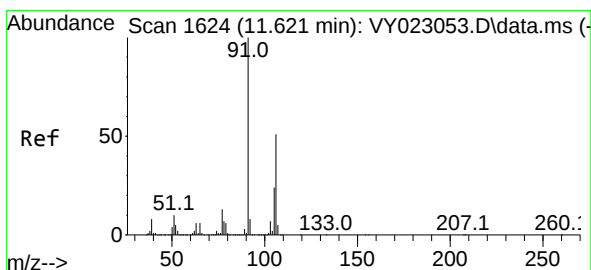
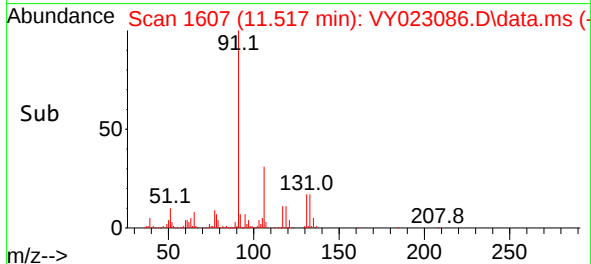
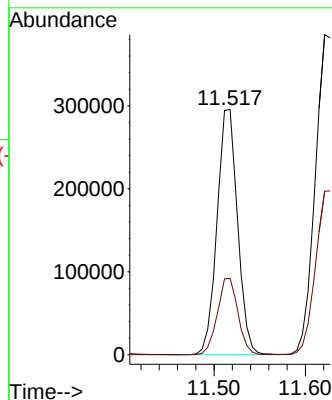
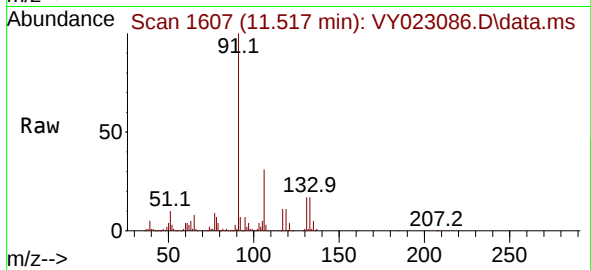
106 31.1 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/19/2025

Supervised By :Mahesh Dadoda 08/19/2025



#68

m/p-Xylenes

Concen: 38.921 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.006 min

Lab File: VY023086.D

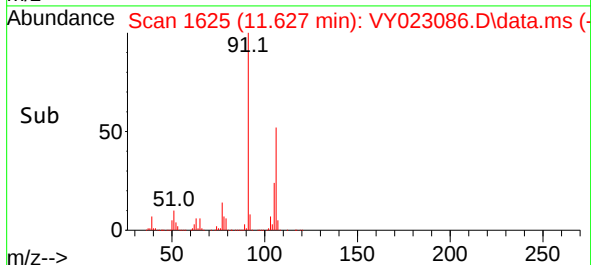
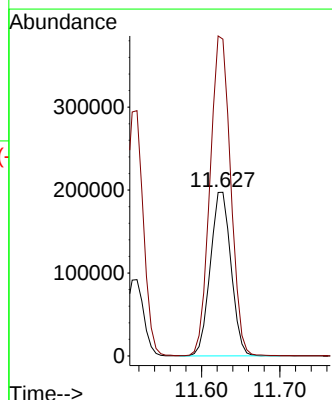
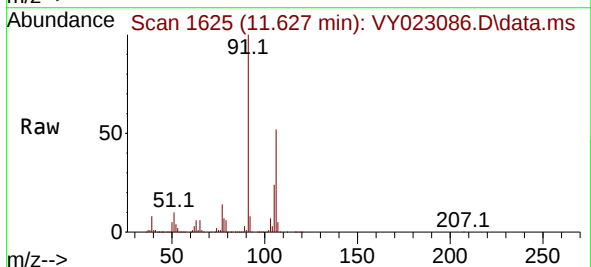
Acq: 14 Aug 2025 11:22

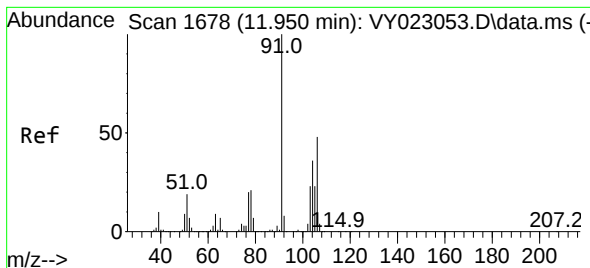
Tgt Ion:106 Resp: 362129

Ion Ratio Lower Upper

106 100

91 195.1 158.6 238.0





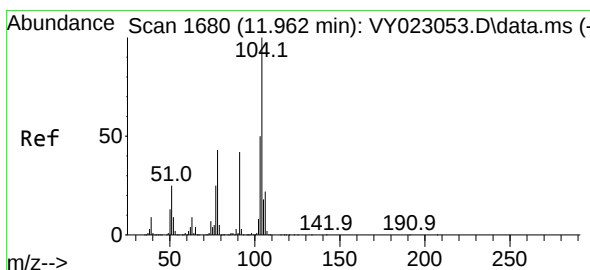
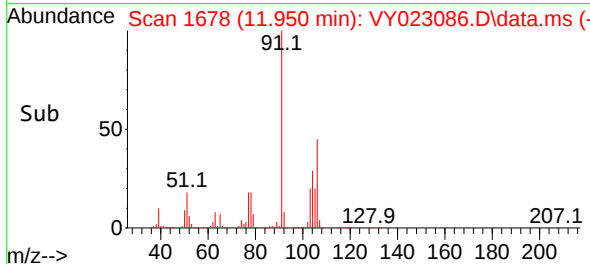
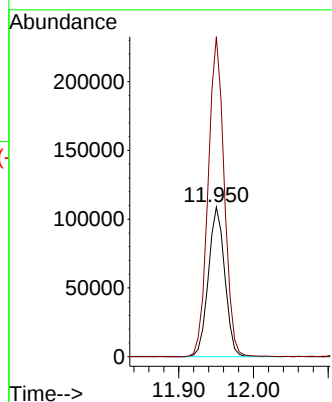
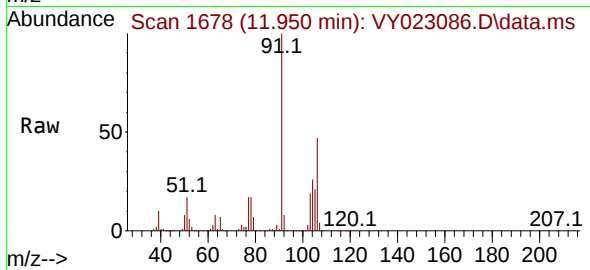
#69
o-Xylene
Concen: 18.990 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. 0.000 min
Lab File: VY023086.D
Acq: 14 Aug 2025 11:22

Instrument :
MSVOA_Y
ClientSampleId :
VY0814SBS01

Tgt Ion:106 Resp: 165485
Ion Ratio Lower Upper
106 100
91 210.3 103.2 309.4

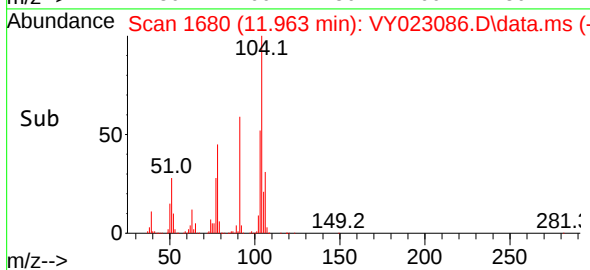
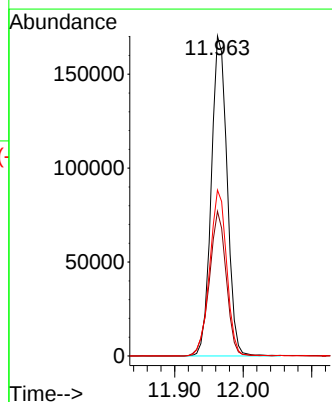
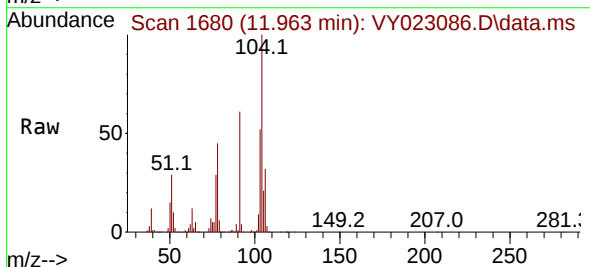
Manual Integrations
APPROVED

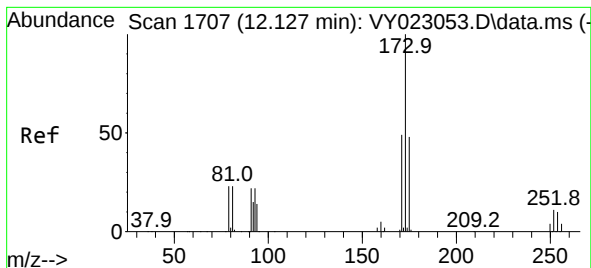
Reviewed By :Semsettin Yesilyurt 08/19/2025
Supervised By :Mahesh Dadoda 08/19/2025



#70
Styrene
Concen: 19.209 ug/l
RT: 11.963 min Scan# 1680
Delta R.T. 0.000 min
Lab File: VY023086.D
Acq: 14 Aug 2025 11:22

Tgt Ion:104 Resp: 273749
Ion Ratio Lower Upper
104 100
78 48.1 38.5 57.7
103 55.5 43.7 65.5





#71

Bromoform

Concen: 18.159 ug/l

RT: 12.127 min Scan# 1707

Delta R.T. 0.000 min

Lab File: VY023086.D

Acq: 14 Aug 2025 11:22

Instrument :

MSVOA_Y

ClientSampleId :

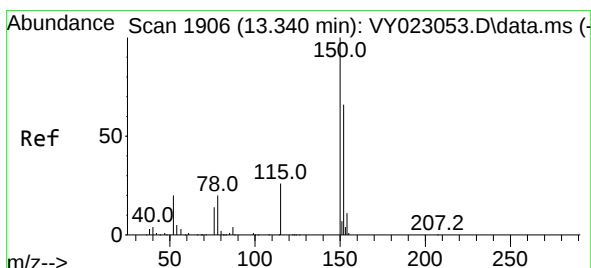
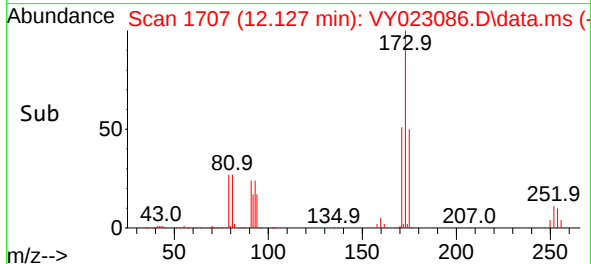
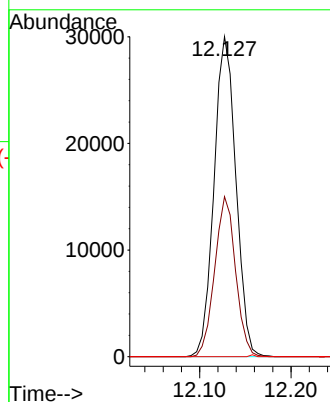
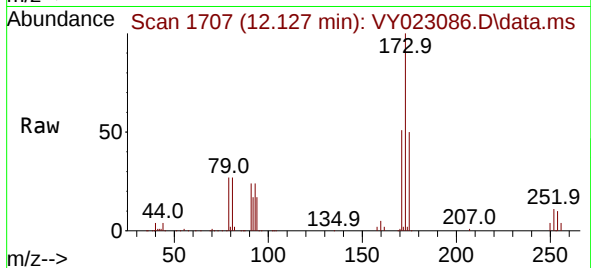
VY0814SBS01

Tgt Ion:	173	Resp:	4986
Ion Ratio	Lower	Upper	
173	100		
175	47.7	23.9	71.7
254	0.0	0.1	0.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/19/2025
Supervised By :Mahesh Dadoda 08/19/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

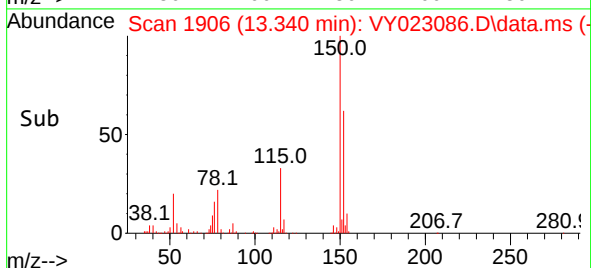
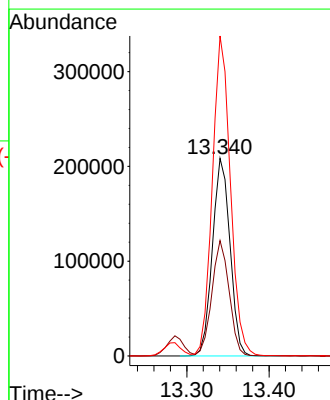
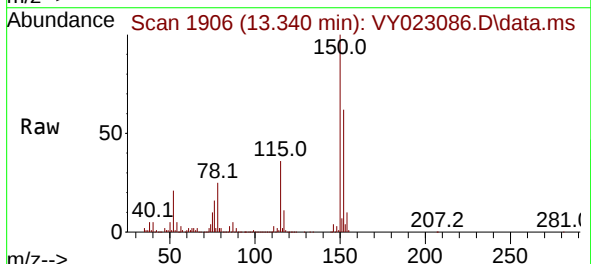
RT: 13.340 min Scan# 1906

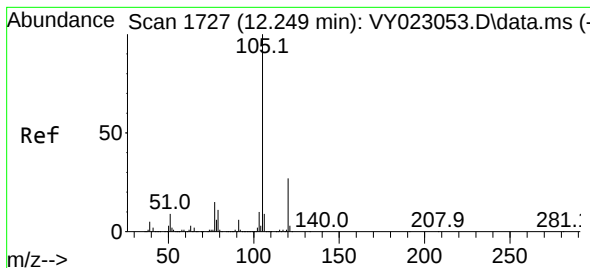
Delta R.T. 0.000 min

Lab File: VY023086.D

Acq: 14 Aug 2025 11:22

Tgt Ion:	152	Resp:	309825
Ion Ratio	Lower	Upper	
152	100		
115	57.4	28.2	84.6
150	166.2	0.0	348.0





#73

Isopropylbenzene

Concen: 19.345 ug/l

RT: 12.249 min Scan# 1727

Delta R.T. 0.000 min

Lab File: VY023086.D

Acq: 14 Aug 2025 11:22

Instrument :

MSVOA_Y

ClientSampleId :

VY0814SBS01

Tgt Ion:105 Resp: 42302

Ion Ratio Lower Upper

105 100

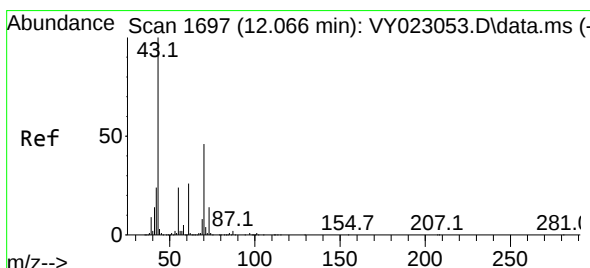
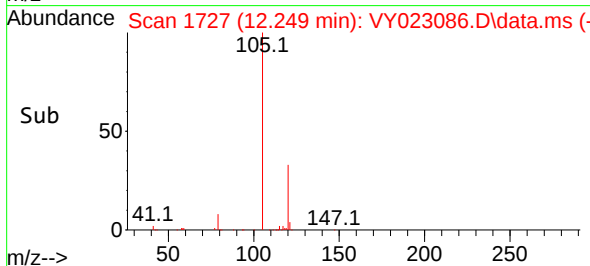
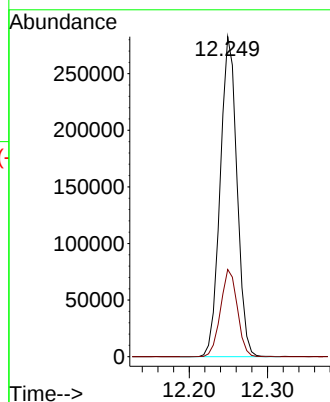
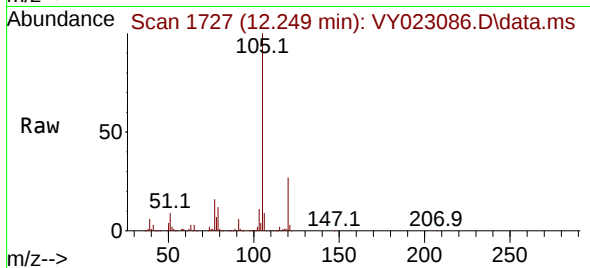
120 27.1 13.4 40.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/19/2025

Supervised By :Mahesh Dadoda 08/19/2025



#74

N-ethyl acetate

Concen: 16.952 ug/l

RT: 12.066 min Scan# 1697

Delta R.T. 0.000 min

Lab File: VY023086.D

Acq: 14 Aug 2025 11:22

Tgt Ion: 43 Resp: 78613

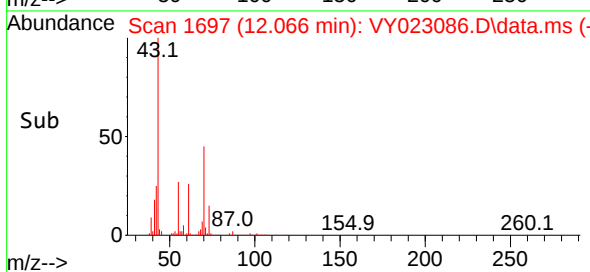
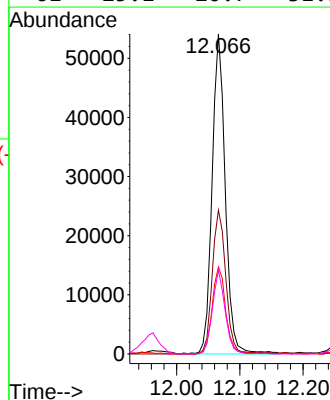
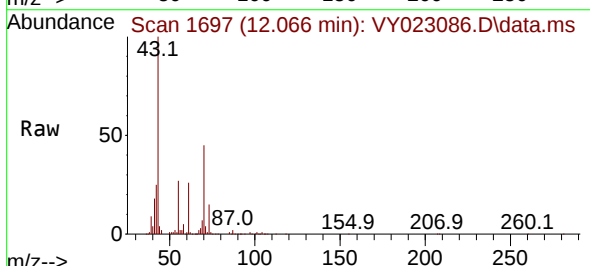
Ion Ratio Lower Upper

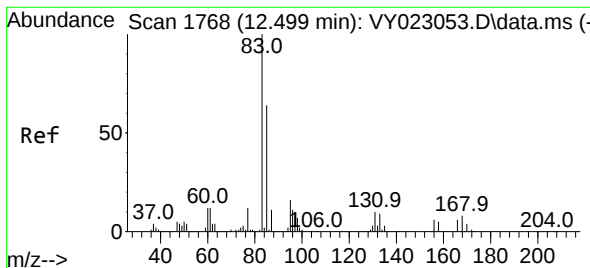
43 100

70 46.5 37.5 56.3

55 28.0 20.7 31.1

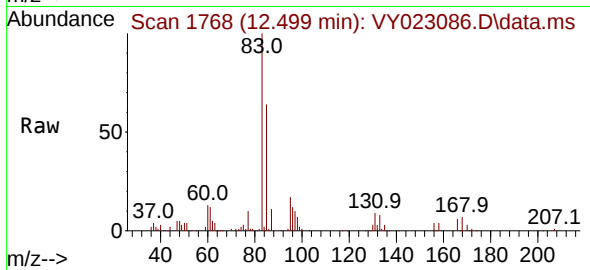
61 25.1 20.7 31.1





#75
1,1,2,2-Tetrachloroethane
Concen: 17.181 ug/l
RT: 12.499 min Scan# 1768
Delta R.T. 0.000 min
Lab File: VY023086.D
Acq: 14 Aug 2025 11:22

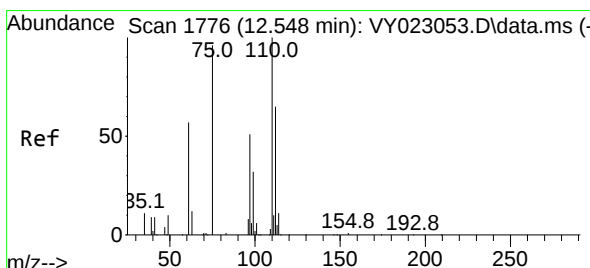
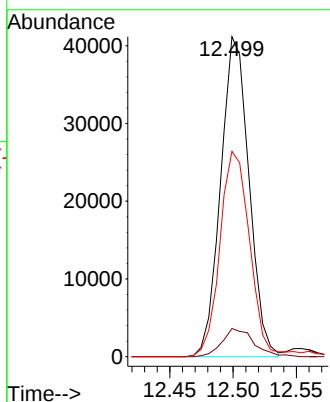
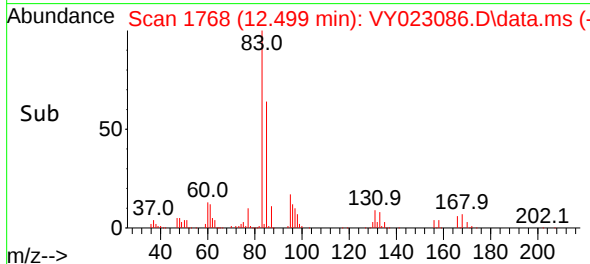
Instrument :
MSVOA_Y
ClientSampleId :
VY0814SBS01



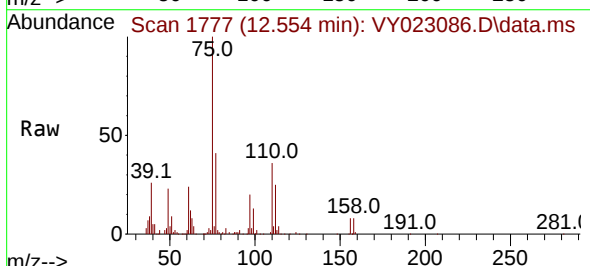
Tgt Ion: 83 Resp: 64150
Ion Ratio Lower Upper
83 100
131 9.8 5.1 15.3
85 68.5 31.8 95.3

Manual Integrations
APPROVED

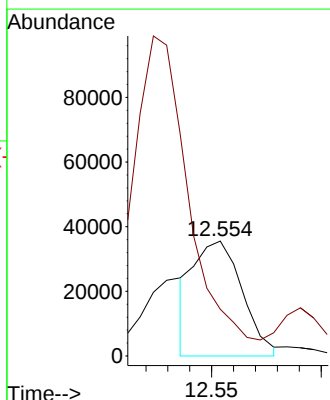
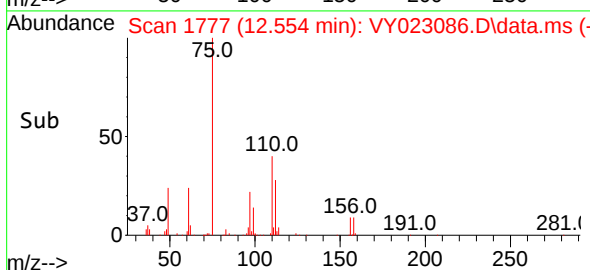
Reviewed By :Semsettin Yesilyurt 08/19/2025
Supervised By :Mahesh Dadoda 08/19/2025

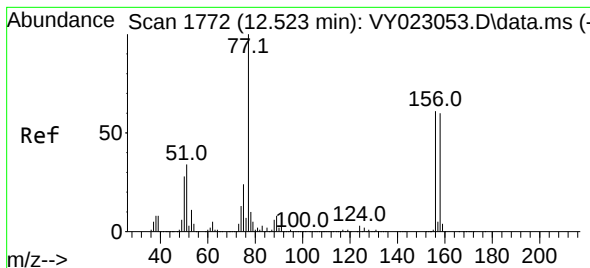


#76
1,2,3-Trichloropropane
Concen: 18.387 ug/l m
RT: 12.554 min Scan# 1777
Delta R.T. 0.006 min
Lab File: VY023086.D
Acq: 14 Aug 2025 11:22



Tgt Ion: 75 Resp: 54979
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.332 ug/l

RT: 12.529 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VY023086.D

Acq: 14 Aug 2025 11:22

Instrument :

MSVOA_Y

ClientSampleId :

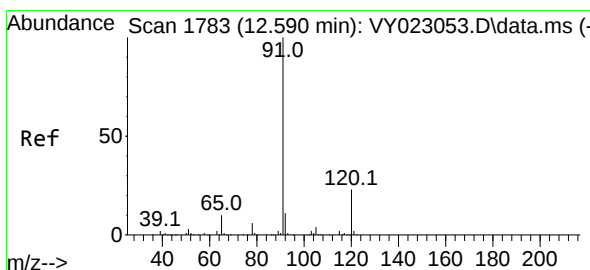
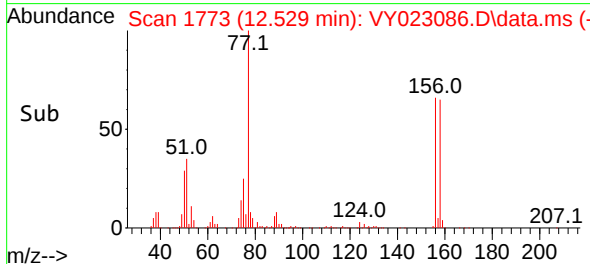
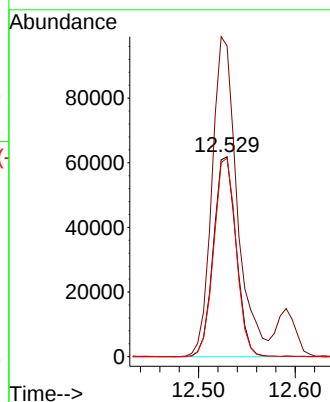
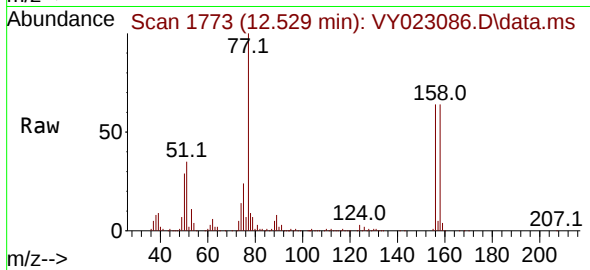
VY0814SBS01

Tgt Ion:	156	Resp:	10085
Ion Ratio	Lower	Upper	
156	100		
77	178.0	88.1	264.4
158	98.1	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/19/2025
Supervised By :Mahesh Dadoda 08/19/2025



#78

n-propylbenzene

Concen: 20.001 ug/l

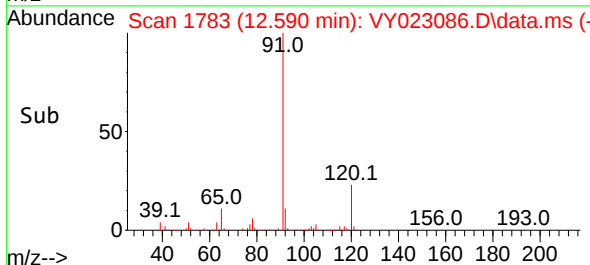
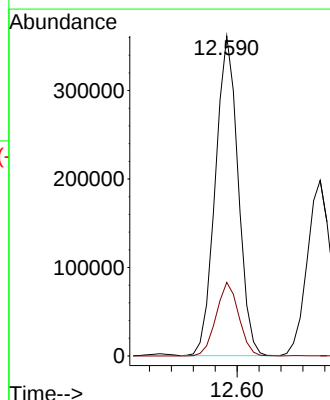
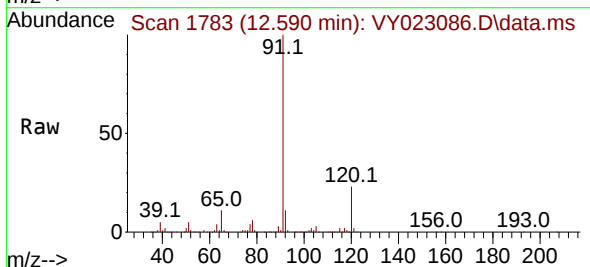
RT: 12.590 min Scan# 1783

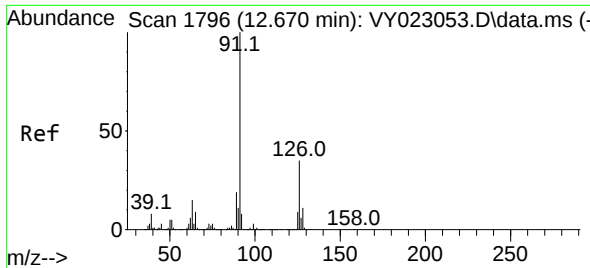
Delta R.T. 0.000 min

Lab File: VY023086.D

Acq: 14 Aug 2025 11:22

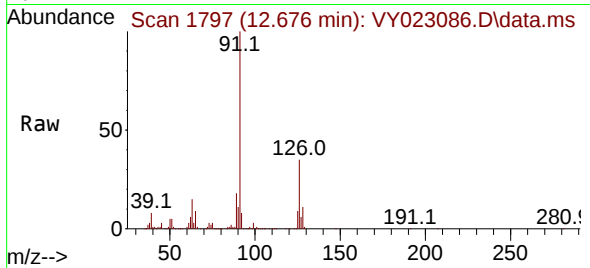
Tgt Ion:	91	Resp:	520711
Ion Ratio	Lower	Upper	
91	100		
120	22.9	11.5	34.5





#79
2-Chlorotoluene
Concen: 19.962 ug/l
RT: 12.676 min Scan# 1796
Delta R.T. 0.006 min
Lab File: VY023086.D
Acq: 14 Aug 2025 11:22

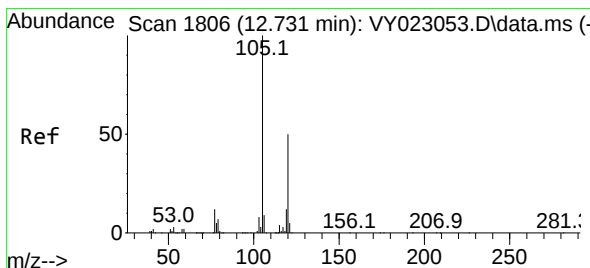
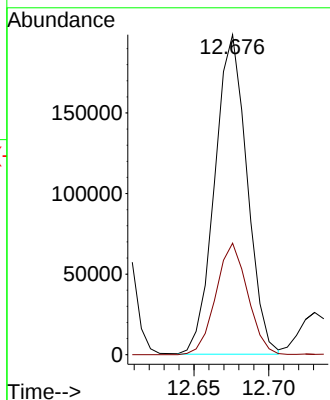
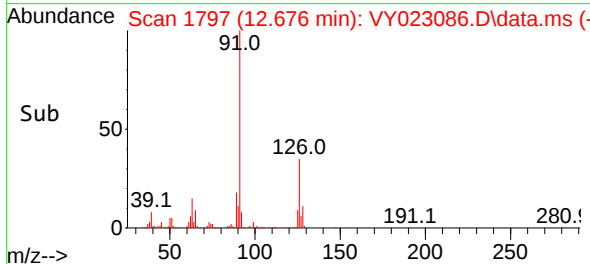
Instrument :
MSVOA_Y
ClientSampleId :
VY0814SBS01



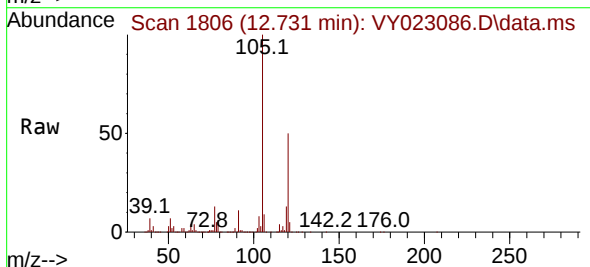
Tgt Ion: 91 Resp: 297769
Ion Ratio Lower Upper
91 100
126 34.3 17.4 52.3

Manual Integrations
APPROVED

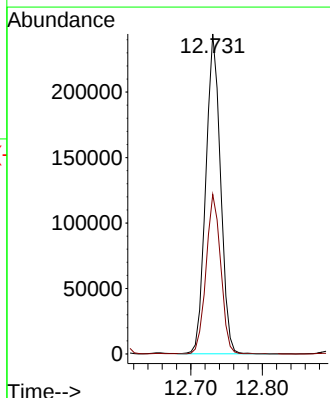
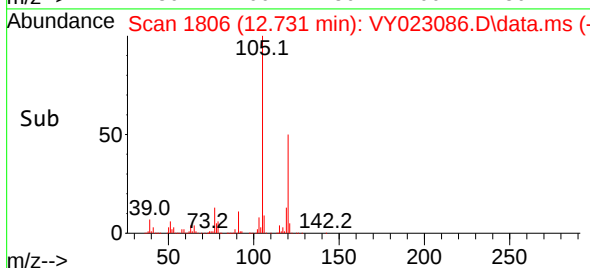
Reviewed By :Semsettin Yesilyurt 08/19/2025
Supervised By :Mahesh Dadoda 08/19/2025

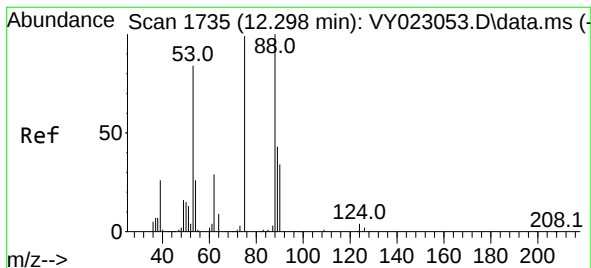


#80
1,3,5-Trimethylbenzene
Concen: 19.731 ug/l
RT: 12.731 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VY023086.D
Acq: 14 Aug 2025 11:22



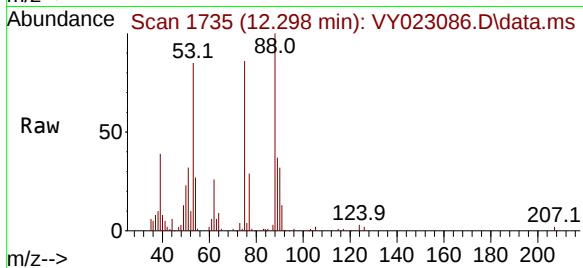
Tgt Ion:105 Resp: 348710
Ion Ratio Lower Upper
105 100
120 49.6 24.8 74.4





#81
trans-1,4-Dichloro-2-butene
Concen: 17.398 ug/l
RT: 12.298 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VY023086.D
Acq: 14 Aug 2025 11:22

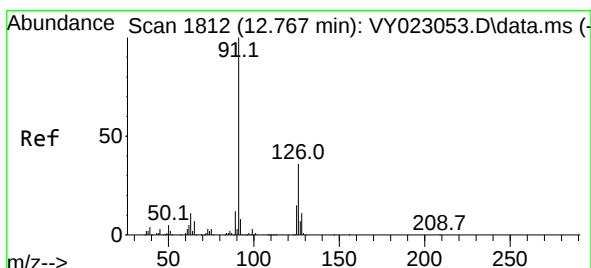
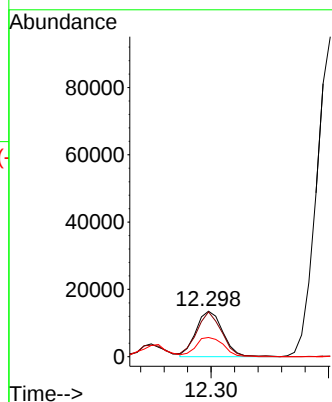
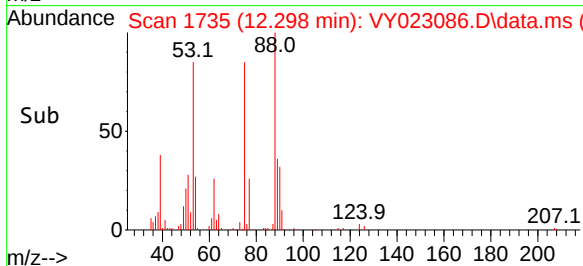
Instrument :
MSVOA_Y
ClientSampleId :
VY0814SBS01



Tgt Ion: 75 Resp: 2149
Ion Ratio Lower Upper
75 100
53 93.8 70.8 106.2
89 43.7 38.1 57.1

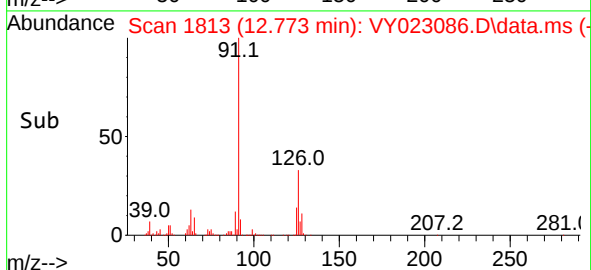
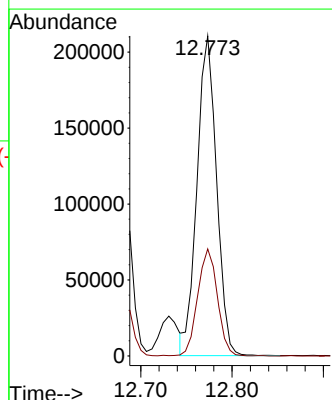
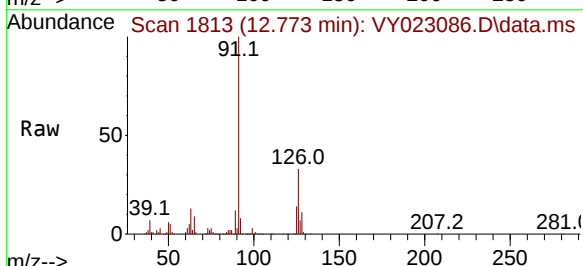
Manual Integrations
APPROVED

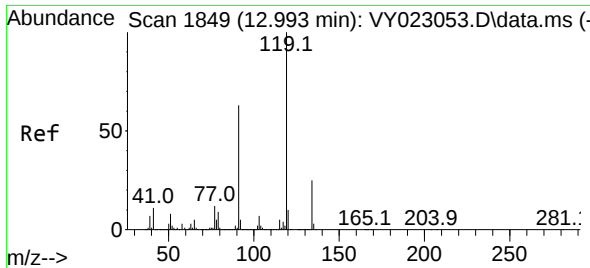
Reviewed By :Semsettin Yesilyurt 08/19/2025
Supervised By :Mahesh Dadoda 08/19/2025



#82
4-Chlorotoluene
Concen: 20.205 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. 0.006 min
Lab File: VY023086.D
Acq: 14 Aug 2025 11:22

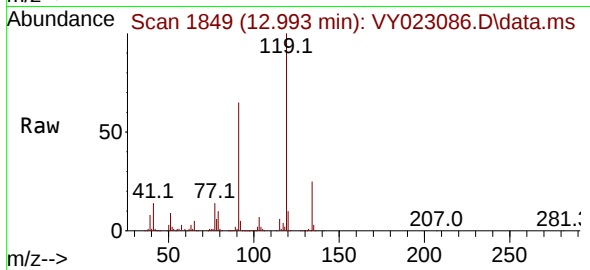
Tgt Ion: 91 Resp: 312655
Ion Ratio Lower Upper
91 100
126 33.7 17.3 52.0





#83
tert-Butylbenzene
Concen: 18.997 ug/l
RT: 12.993 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VY023086.D
Acq: 14 Aug 2025 11:22

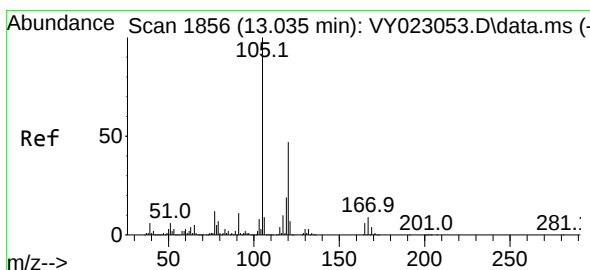
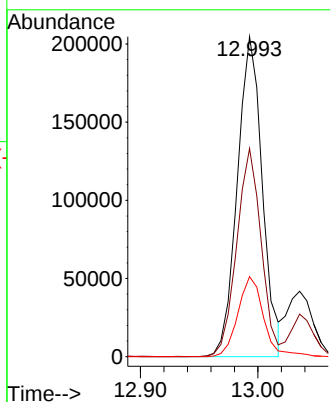
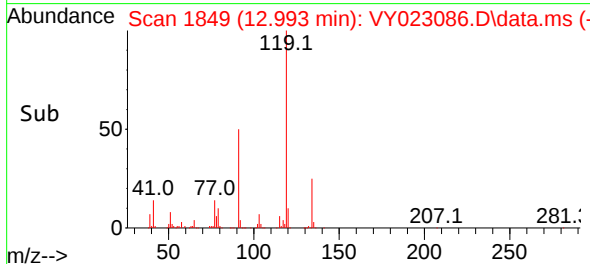
Instrument :
MSVOA_Y
ClientSampleId :
VY0814SBS01



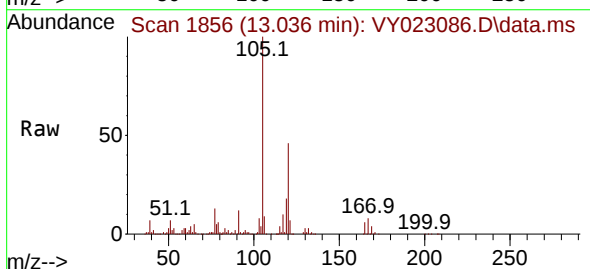
Tgt Ion:119 Resp: 30322
Ion Ratio Lower Upper
119 100
91 63.5 31.6 94.8
134 25.8 12.9 38.7

Manual Integrations
APPROVED

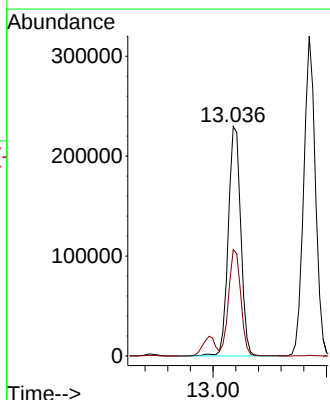
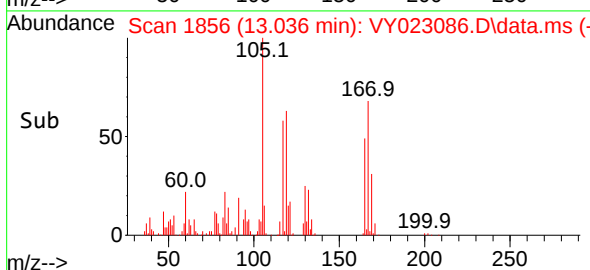
Reviewed By :Semsettin Yesilyurt 08/19/2025
Supervised By :Mahesh Dadoda 08/19/2025

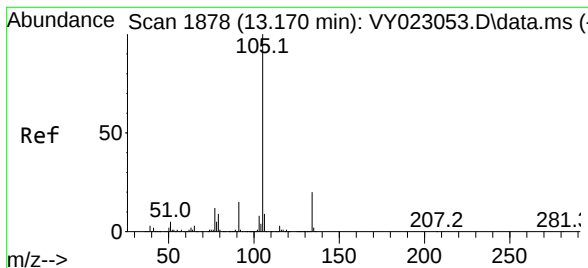


#84
1,2,4-Trimethylbenzene
Concen: 19.952 ug/l
RT: 13.036 min Scan# 1856
Delta R.T. 0.000 min
Lab File: VY023086.D
Acq: 14 Aug 2025 11:22



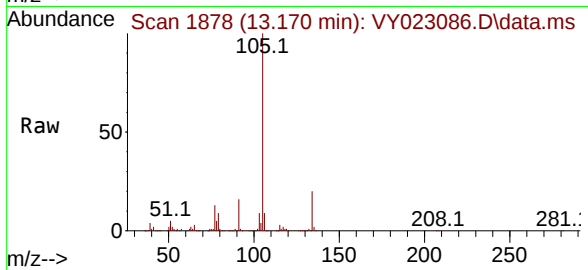
Tgt Ion:105 Resp: 351003
Ion Ratio Lower Upper
105 100
120 45.2 23.0 69.0





#85
 sec-Butylbenzene
 Concen: 19.534 ug/l
 RT: 13.170 min Scan# 1878
 Delta R.T. 0.000 min
 Lab File: VY023086.D
 Acq: 14 Aug 2025 11:22

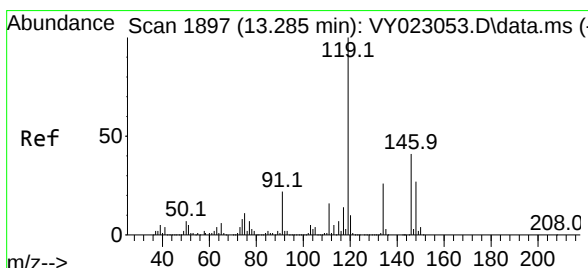
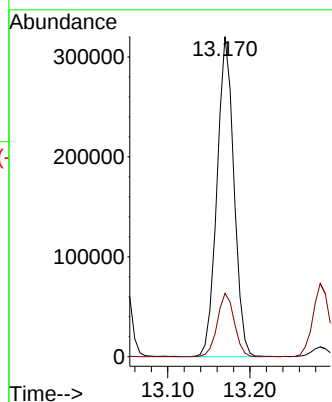
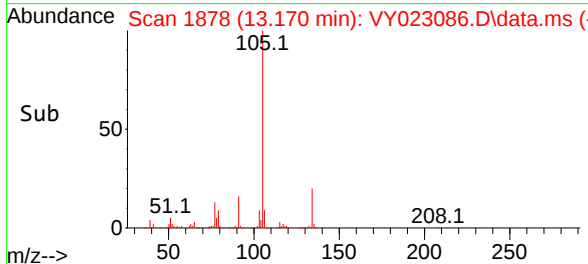
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0814SBS01



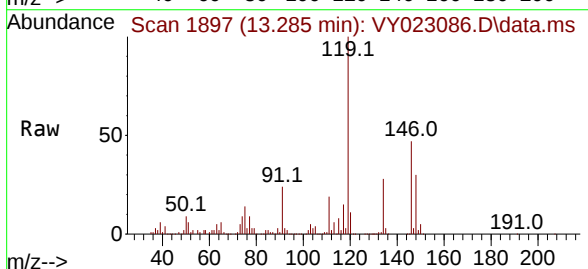
Tgt Ion:105 Resp: 458024
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.2 30.4

Manual Integrations
 APPROVED

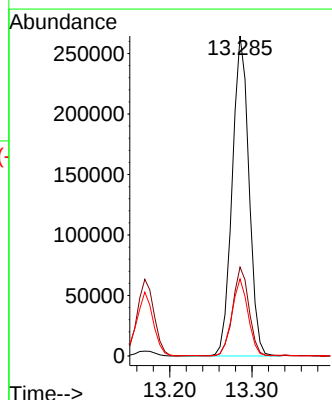
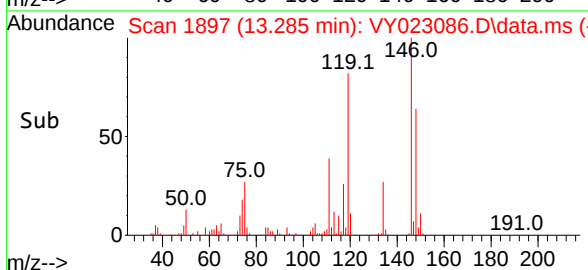
Reviewed By :Semsettin Yesilyurt 08/19/2025
 Supervised By :Mahesh Dadoda 08/19/2025

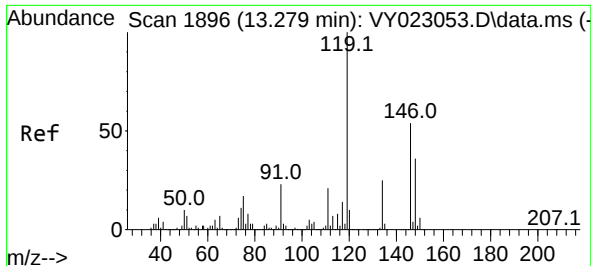


#86
 p-Isopropyltoluene
 Concen: 19.240 ug/l
 RT: 13.285 min Scan# 1897
 Delta R.T. 0.000 min
 Lab File: VY023086.D
 Acq: 14 Aug 2025 11:22



Tgt Ion:119 Resp: 374466
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.2 39.6
 91 23.1 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 19.525 ug/l

RT: 13.279 min Scan# 1896

Delta R.T. 0.000 min

Lab File: VY023086.D

Acq: 14 Aug 2025 11:22

Instrument :

MSVOA_Y

ClientSampleId :

VY0814SBS01

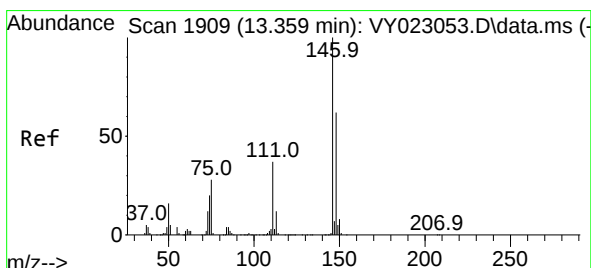
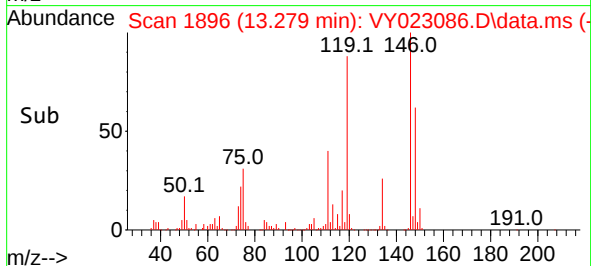
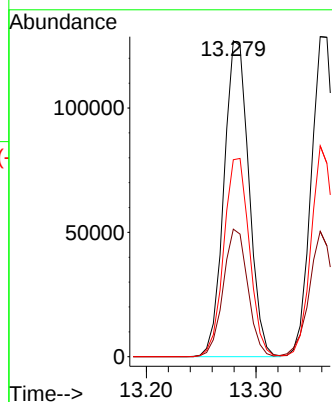
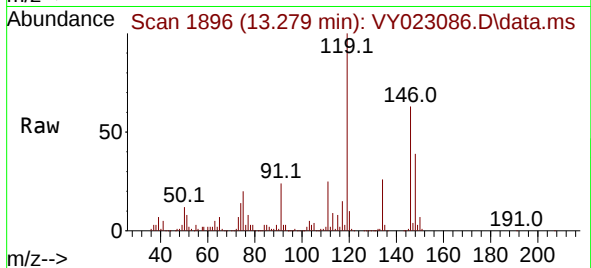
Tgt Ion:	146	Resp:	200869
Ion Ratio	Lower	Upper	
146	100		
111	39.8	19.6	58.7
148	64.2	32.5	97.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/19/2025

Supervised By :Mahesh Dadoda 08/19/2025



#88

1,4-Dichlorobenzene

Concen: 19.626 ug/l

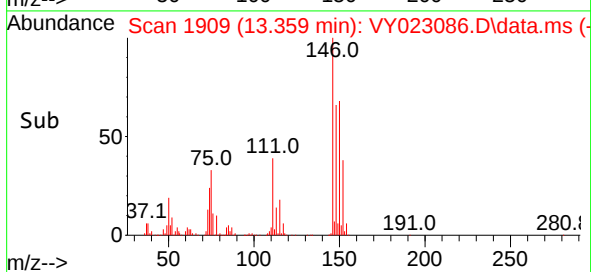
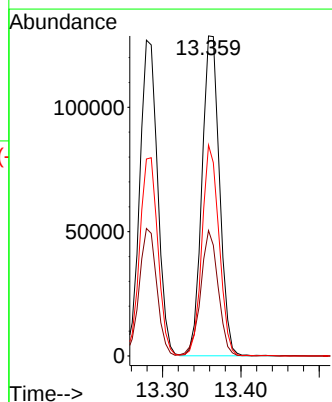
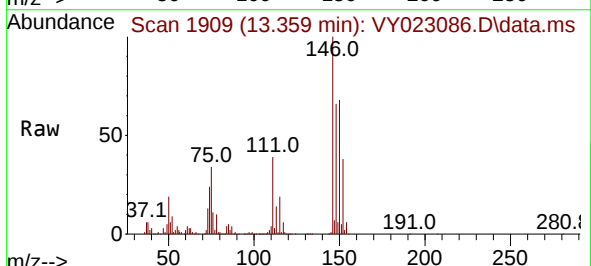
RT: 13.359 min Scan# 1909

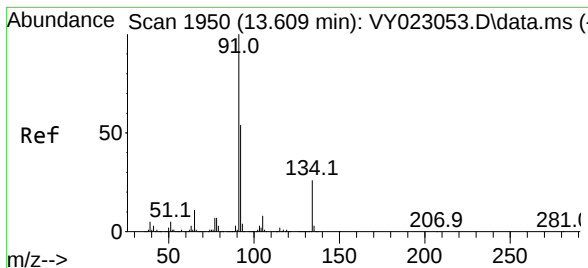
Delta R.T. 0.000 min

Lab File: VY023086.D

Acq: 14 Aug 2025 11:22

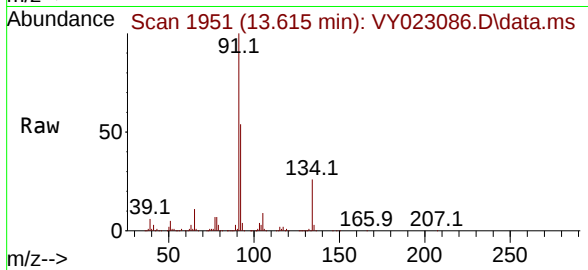
Tgt Ion:	146	Resp:	200293
Ion Ratio	Lower	Upper	
146	100		
111	39.2	19.1	57.1
148	64.3	31.6	94.7





#89
n-Butylbenzene
Concen: 19.289 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. 0.006 min
Lab File: VY023086.D
Acq: 14 Aug 2025 11:22

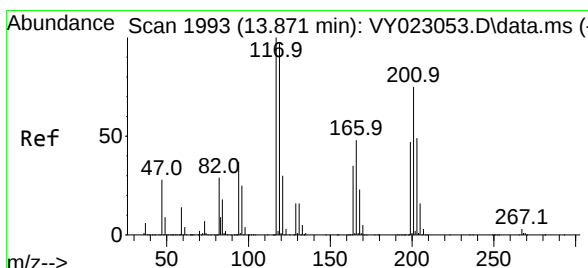
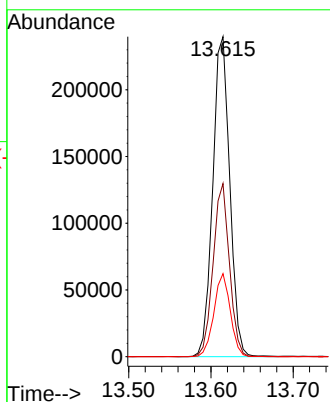
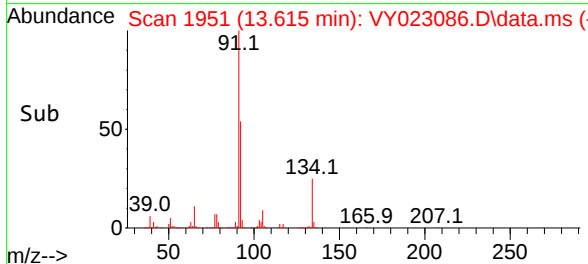
Instrument :
MSVOA_Y
ClientSampleId :
VY0814SBS01



Tgt Ion: 91 Resp: 34479
Ion Ratio Lower Upper
91 100
92 52.1 26.9 80.7
134 25.1 13.2 39.5

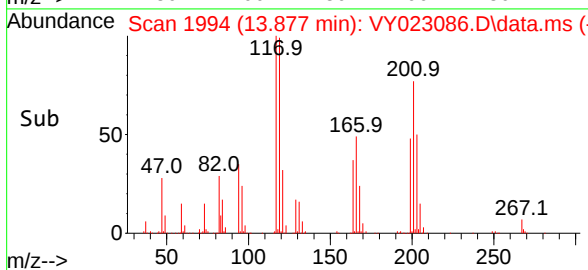
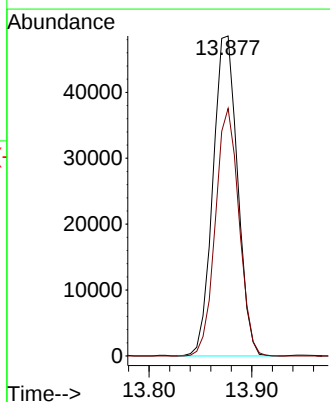
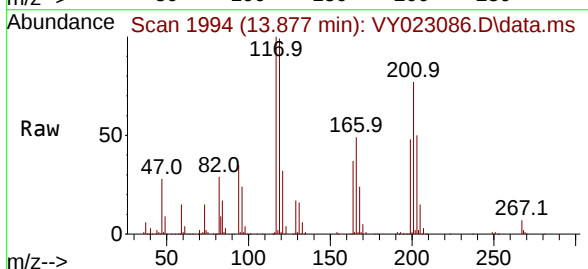
Manual Integrations
APPROVED

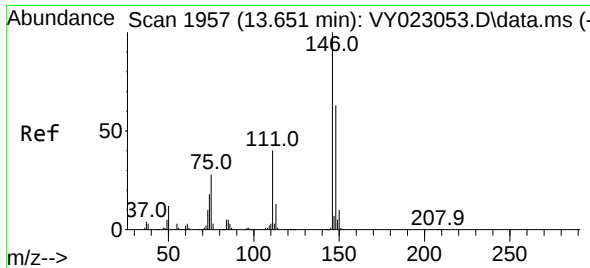
Reviewed By :Semsettin Yesilyurt 08/19/2025
Supervised By :Mahesh Dadoda 08/19/2025



#90
Hexachloroethane
Concen: 20.252 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. 0.006 min
Lab File: VY023086.D
Acq: 14 Aug 2025 11:22

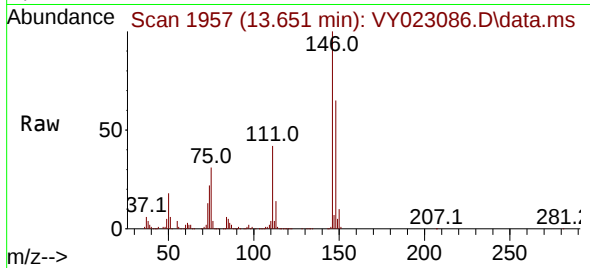
Tgt Ion:117 Resp: 80689
Ion Ratio Lower Upper
117 100
201 74.1 38.4 115.1





#91
1,2-Dichlorobenzene
Concen: 19.158 ug/l
RT: 13.651 min Scan# 1957
Delta R.T. 0.000 min
Lab File: VY023086.D
Acq: 14 Aug 2025 11:22

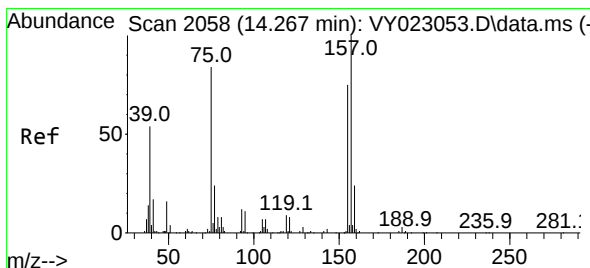
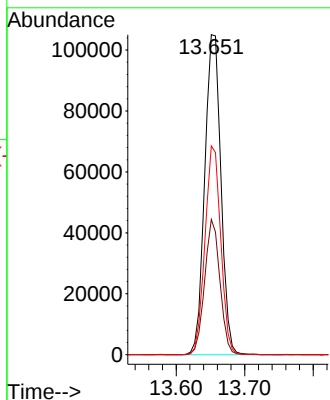
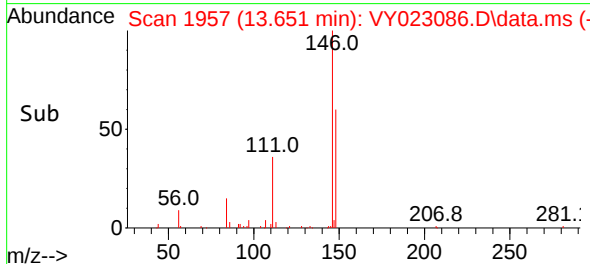
Instrument :
MSVOA_Y
ClientSampleId :
VY0814SBS01



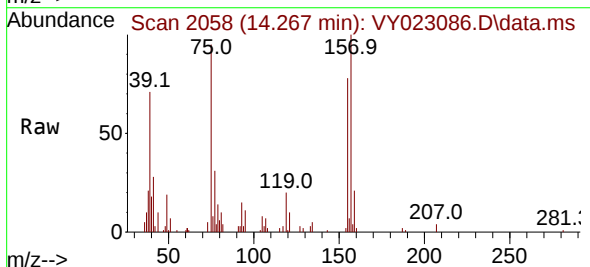
Tgt Ion:146 Resp: 172852
Ion Ratio Lower Upper
146 100
111 40.0 20.3 60.8
148 63.6 32.2 96.6

Manual Integrations
APPROVED

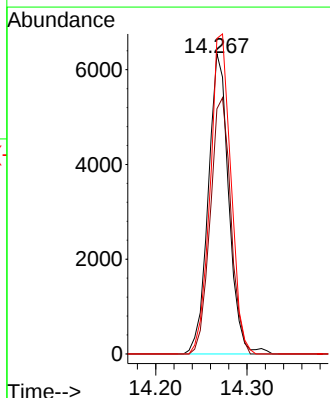
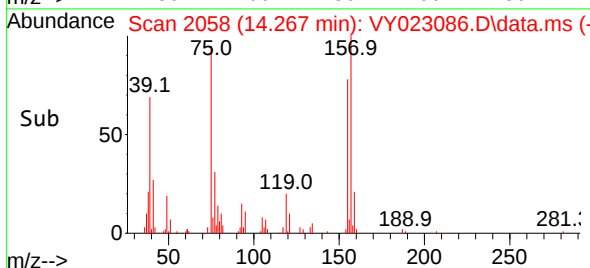
Reviewed By :Semsettin Yesilyurt 08/19/2025
Supervised By :Mahesh Dadoda 08/19/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 16.982 ug/l
RT: 14.267 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VY023086.D
Acq: 14 Aug 2025 11:22



Tgt Ion: 75 Resp: 9872
Ion Ratio Lower Upper
75 100
155 85.7 43.9 131.6
157 107.5 57.2 171.6





#93

1,2,4-Trichlorobenzene

Concen: 17.602 ug/l

RT: 14.913 min Scan# 2164

Delta R.T. 0.000 min

Lab File: VY023086.D

Acq: 14 Aug 2025 11:22

Instrument :

MSVOA_Y

ClientSampleId :

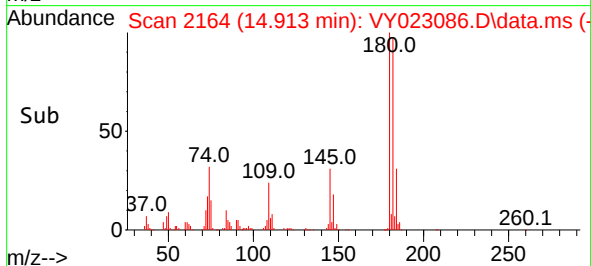
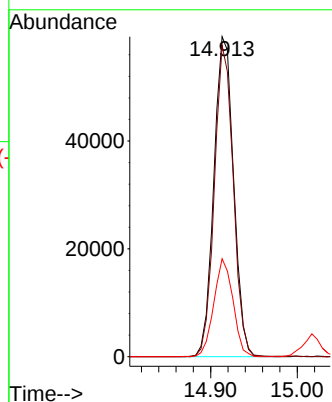
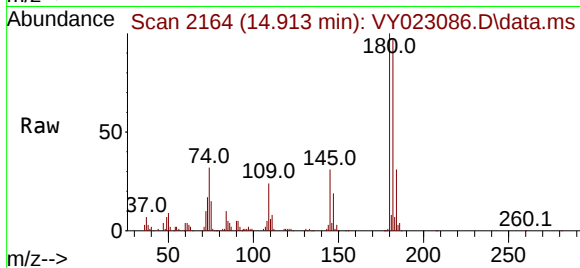
VY0814SBS01

Tgt Ion:180	Resp:	9391
Ion Ratio	Lower	Upper
180	100	
182	93.2	46.8 140.4
145	29.7	14.4 43.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/19/2025
Supervised By :Mahesh Dadoda 08/19/2025



#94

Hexachlorobutadiene

Concen: 18.595 ug/l

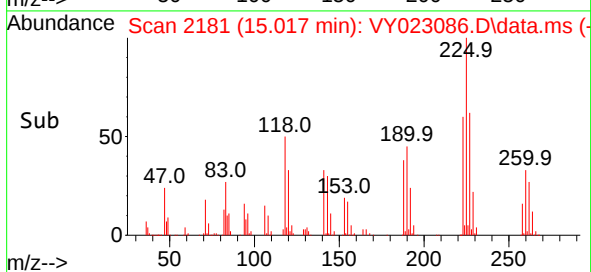
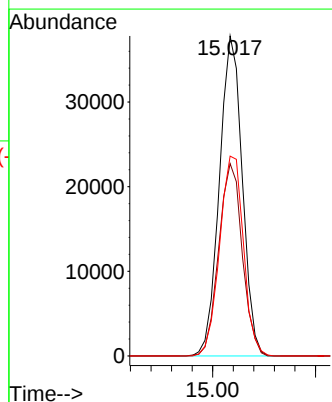
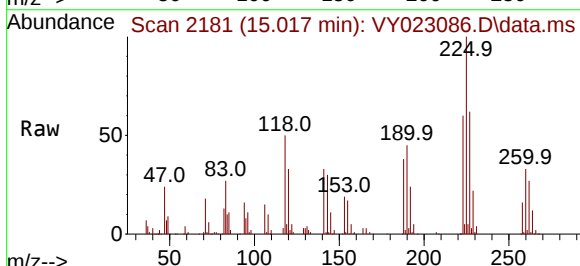
RT: 15.017 min Scan# 2181

Delta R.T. 0.000 min

Lab File: VY023086.D

Acq: 14 Aug 2025 11:22

Tgt Ion:225	Resp:	58299
Ion Ratio	Lower	Upper
225	100	
223	61.8	31.3 93.8
227	65.2	31.5 94.5





#95

Naphthalene

Concen: 15.638 ug/l

RT: 15.139 min Scan# 2201

Delta R.T. 0.000 min

Lab File: VY023086.D

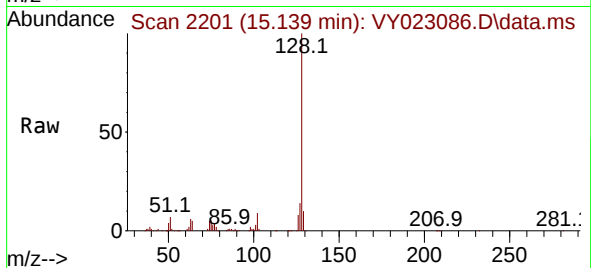
Acq: 14 Aug 2025 11:22

Instrument :

MSVOA_Y

ClientSampleId :

VY0814SBS01



Tgt Ion:128 Resp: 14227

Ion Ratio Lower Upper

128 100

127 13.3 10.4 15.6

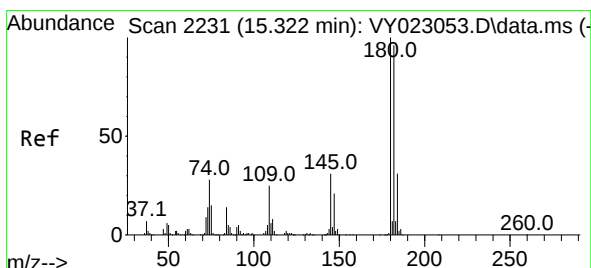
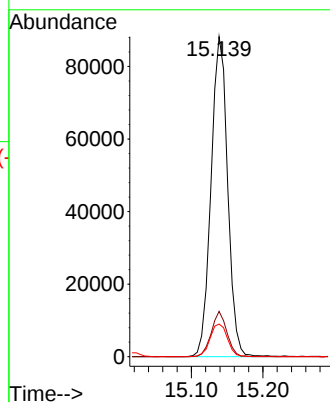
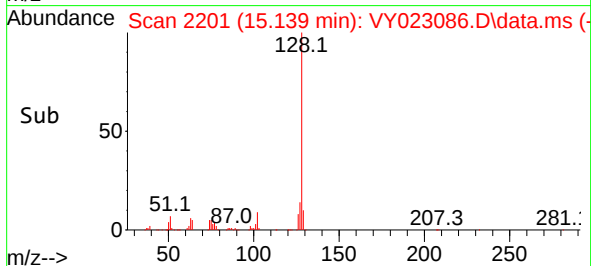
129 10.7 9.0 13.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/19/2025

Supervised By :Mahesh Dadoda 08/19/2025



#96

1,2,3-Trichlorobenzene

Concen: 17.308 ug/l

RT: 15.322 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY023086.D

Acq: 14 Aug 2025 11:22

Tgt Ion:180 Resp: 79576

Ion Ratio Lower Upper

180 100

182 93.6 47.9 143.7

145 31.2 15.9 47.7

