

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062525\
 Data File : VY022813.D
 Acq On : 25 Jun 2025 10:18
 Operator : SY/MD
 Sample : VY0625SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0625SBS01

Quant Time: Jun 26 01:21:54 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 24 08:29:52 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/26/2025
 Supervised By :Semsettin Yesilyurt 06/26/2025

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	433589	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	722109	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	625216	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	303331	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	242621	50.136	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.280%			
35) Dibromofluoromethane	7.628	113	220103	50.120	ug/l	-0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.240%			
50) Toluene-d8	10.103	98	890330	51.092	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 102.180%			
62) 4-Bromofluorobenzene	12.402	95	278337	49.686	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 99.380%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.861	85	81186	21.897	ug/l	95
3) Chloromethane	2.068	50	135254	19.104	ug/l	97
4) Vinyl Chloride	2.202	62	179649	20.311	ug/l	99
5) Bromomethane	2.586	94	158066	22.731	ug/l	100
6) Chloroethane	2.726	64	120447	20.258	ug/l	99
7) Trichlorofluoromethane	3.050	101	204622	20.893	ug/l	99
8) Diethyl Ether	3.452	74	48452	20.030	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.812	101	92792	20.732	ug/l	97
10) Methyl Iodide	4.001	142	87122	17.878	ug/l	99
11) Tert butyl alcohol	4.860	59	32380	100.628	ug/l	97
12) 1,1-Dichloroethene	3.781	96	89307	20.349	ug/l	92
13) Acrolein	3.647	56	42800	98.090	ug/l	100
14) Allyl chloride	4.379	41	132935	19.693	ug/l	96
15) Acrylonitrile	5.055	53	100224	99.304	ug/l	100
16) Acetone	3.866	43	118455	129.507	ug/l	98
17) Carbon Disulfide	4.098	76	284304	20.053	ug/l	98
18) Methyl Acetate	4.385	43	55302	18.257	ug/l	98
19) Methyl tert-butyl Ether	5.110	73	243361	20.365	ug/l	98
20) Methylene Chloride	4.610	84	128175	22.190	ug/l	95
21) trans-1,2-Dichloroethene	5.104	96	99994	19.936	ug/l	97
22) Diisopropyl ether	6.012	45	296254	19.762	ug/l	97
23) Vinyl Acetate	5.958	43	846321	102.218	ug/l	96
24) 1,1-Dichloroethane	5.909	63	181309	20.023	ug/l	98
25) 2-Butanone	6.890	43	149586	112.367	ug/l	95
26) 2,2-Dichloropropane	6.878	77	154476	20.351	ug/l	99
27) cis-1,2-Dichloroethene	6.884	96	116946	20.065	ug/l	98
28) Bromochloromethane	7.238	49	74195	19.490	ug/l	91
29) Tetrahydrofuran	7.256	42	83626	99.484	ug/l	97
30) Chloroform	7.415	83	186763	20.025	ug/l	96
31) Cyclohexane	7.695	56	169303	20.368	ug/l	98
32) 1,1,1-Trichloroethane	7.610	97	163141	20.242	ug/l	99
36) 1,1-Dichloropropene	7.829	75	135413	20.343	ug/l	99
37) Ethyl Acetate	6.982	43	59185	20.605	ug/l	98
38) Carbon Tetrachloride	7.817	117	143061	20.369	ug/l	100
39) Methylcyclohexane	9.103	83	177352	20.588	ug/l	99
40) Benzene	8.079	78	411248	20.095	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	31682	17.917	ug/l	92
42) 1,2-Dichloroethane	8.152	62	114922	20.492	ug/l	99
43) Isopropyl Acetate	8.195	43	120554	20.194	ug/l	98
44) Trichloroethene	8.859	130	107469	20.915	ug/l	100
45) 1,2-Dichloropropane	9.140	63	95404	19.918	ug/l	96
46) Dibromomethane	9.231	93	55489	20.407	ug/l	97
47) Bromodichloromethane	9.420	83	142732	20.357	ug/l	100
48) Methyl methacrylate	9.219	41	56946	19.842	ug/l	93
49) 1,4-Dioxane	9.231	88	13775	428.799	ug/l	94
51) 4-Methyl-2-Pentanone	9.993	43	312167	102.898	ug/l	95
52) Toluene	10.164	92	260309	20.161	ug/l	98
53) t-1,3-Dichloropropene	10.390	75	126276	20.017	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	148869	20.352	ug/l	97
55) 1,1,2-Trichloroethane	10.566	97	72106	20.479	ug/l	96
56) Ethyl methacrylate	10.438	69	94517	19.953	ug/l	95
57) 1,3-Dichloropropane	10.713	76	123837	20.159	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	231051	102.647	ug/l	96
59) 2-Hexanone	10.755	43	225152	109.161	ug/l	97
60) Dibromochloromethane	10.908	129	91915	20.211	ug/l	99
61) 1,2-Dibromoethane	11.012	107	65422	19.856	ug/l	99
64) Tetrachloroethene	10.640	164	128793	21.806	ug/l	98
65) Chlorobenzene	11.438	112	273856	19.934	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.511	131	91854	19.740	ug/l	99
67) Ethyl Benzene	11.518	91	484455	20.071	ug/l	99
68) m/p-Xylenes	11.627	106	371550	39.820	ug/l	98
69) o-Xylene	11.950	106	173353	19.717	ug/l	98
70) Styrene	11.963	104	288868	19.615	ug/l	99
71) Bromoform	12.127	173	50492	19.488	ug/l #	98
73) Isopropylbenzene	12.249	105	454532	20.261	ug/l	99
74) N-amyl acetate	12.066	43	105475	20.947	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.505	83	68614	18.978	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	62922m	20.319	ug/l	
77) Bromobenzene	12.530	156	102271	20.113	ug/l	99
78) n-propylbenzene	12.590	91	554312	20.466	ug/l	98
79) 2-Chlorotoluene	12.676	91	307549	20.098	ug/l	99
80) 1,3,5-Trimethylbenzene	12.731	105	369334	20.394	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.298	75	24529	20.011	ug/l	98
82) 4-Chlorotoluene	12.773	91	317157	19.731	ug/l	99
83) tert-Butylbenzene	12.993	119	332288	20.806	ug/l	99
84) 1,2,4-Trimethylbenzene	13.036	105	362862	20.013	ug/l	100
85) sec-Butylbenzene	13.170	105	495337	20.613	ug/l	99
86) p-Isopropyltoluene	13.285	119	404929	20.249	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	200924	19.675	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	202091	19.922	ug/l	99
89) n-Butylbenzene	13.615	91	386027	20.522	ug/l	99
90) Hexachloroethane	13.877	117	81416	20.442	ug/l	95
91) 1,2-Dichlorobenzene	13.657	146	177811	19.758	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	11840	19.311	ug/l	98
93) 1,2,4-Trichlorobenzene	14.913	180	103180	20.306	ug/l	98
94) Hexachlorobutadiene	15.017	225	59479	20.700	ug/l	97
95) Naphthalene	15.139	128	183849	20.008	ug/l	99
96) 1,2,3-Trichlorobenzene	15.322	180	85735	19.526	ug/l	99

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

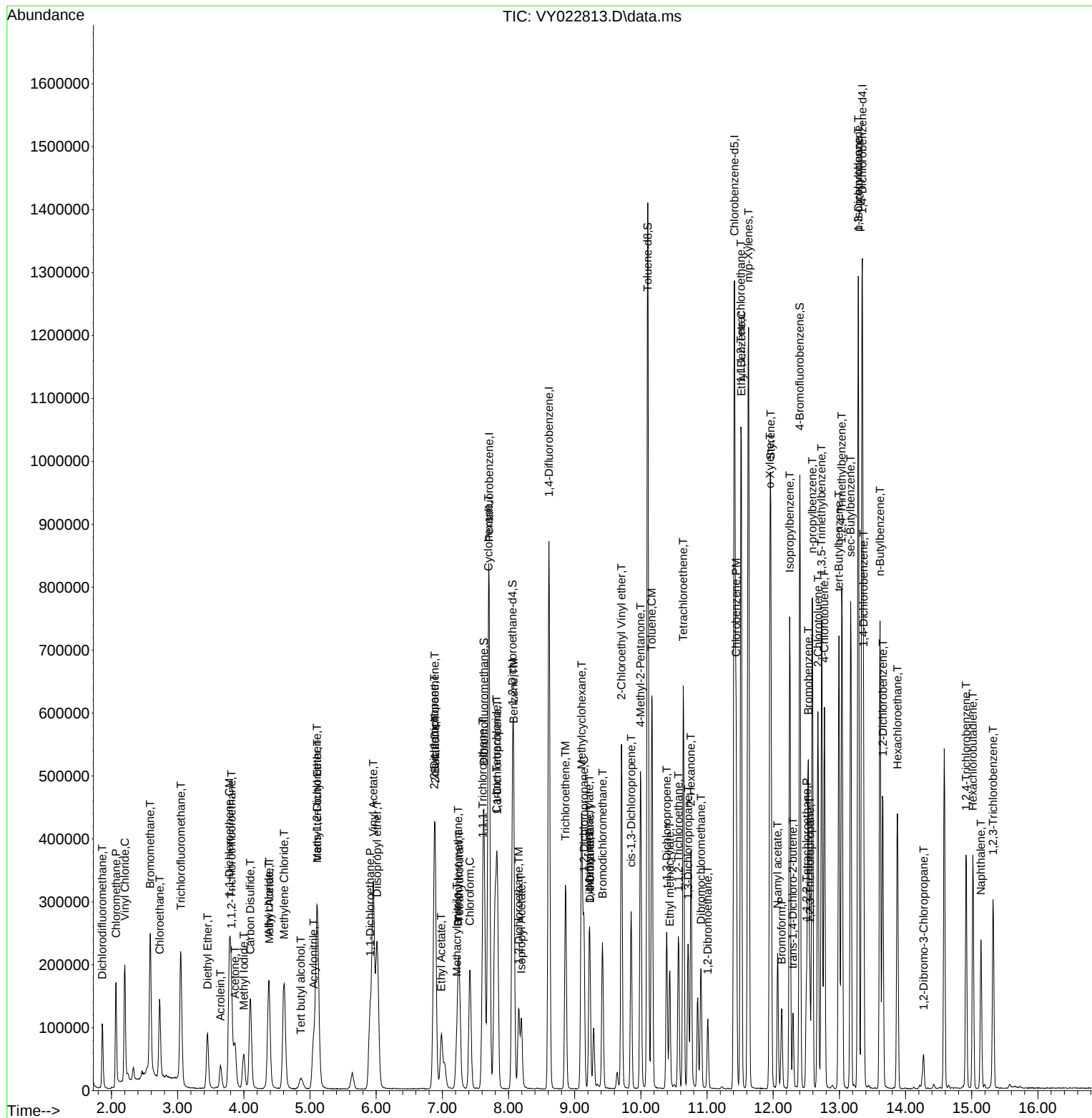
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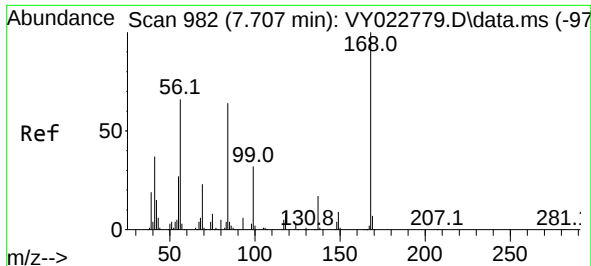
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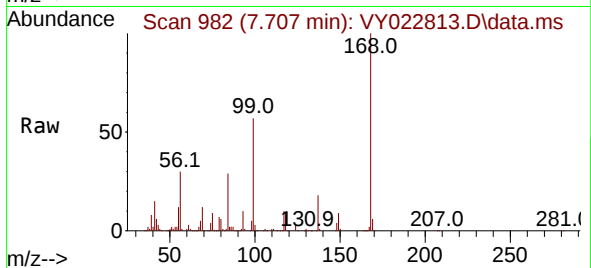
Reviewed By :Mahesh Dadoda 06/26/2025
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.006 min
Lab File: VY022813.D
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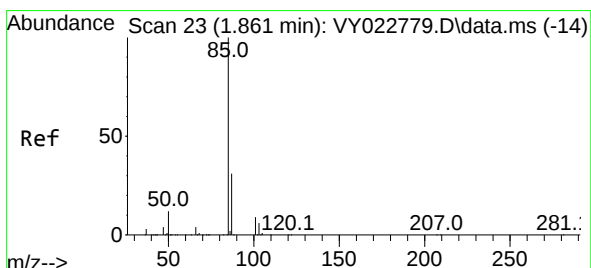
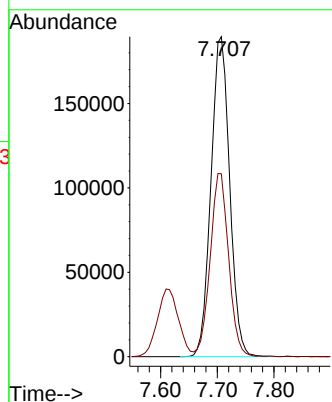
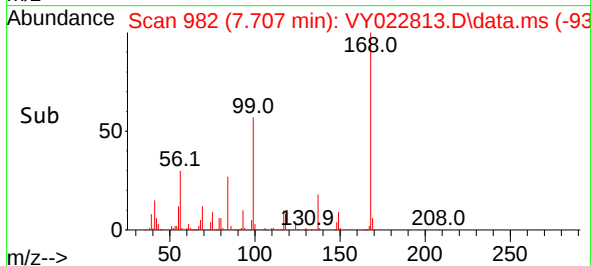
Instrument :
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Tgt Ion:168 Resp: 433589
Ion Ratio Lower Upper
168 100
99 57.1 44.3 66.5

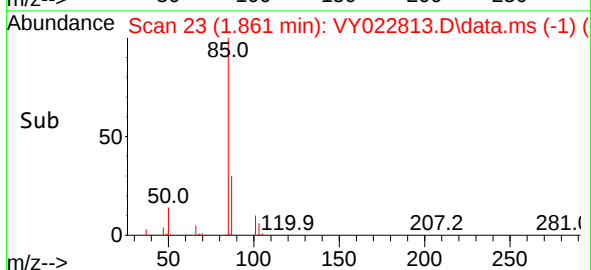
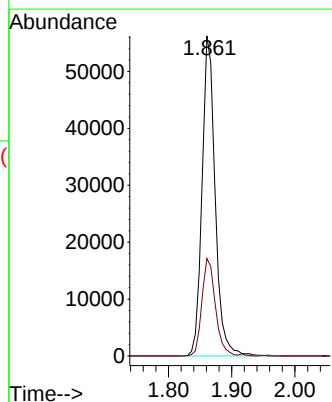
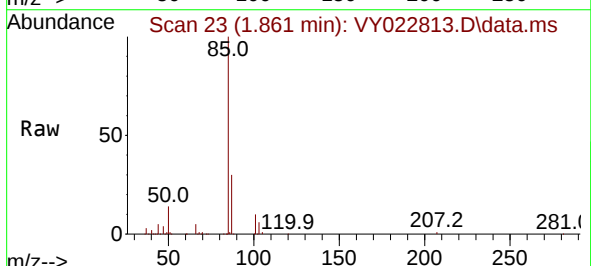
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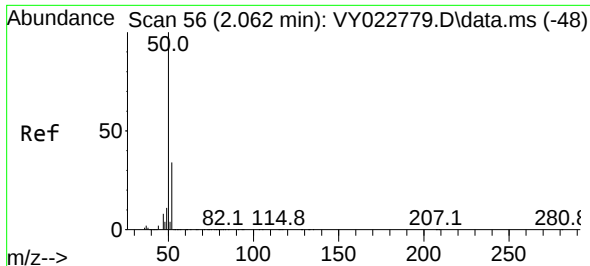
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#2
Dichlorodifluoromethane
Concen: 21.897 ug/l
RT: 1.861 min Scan# 23
Delta R.T. -0.006 min
Lab File: VY022813.D
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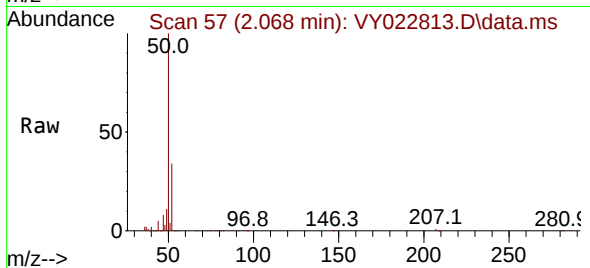
Tgt Ion: 85 Resp: 81186
Ion Ratio Lower Upper
85 100
87 30.5 16.7 50.0





#3
Chloromethane
Concen: 19.104 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY022813.D
Acq: 25 Jun 2025 10:18

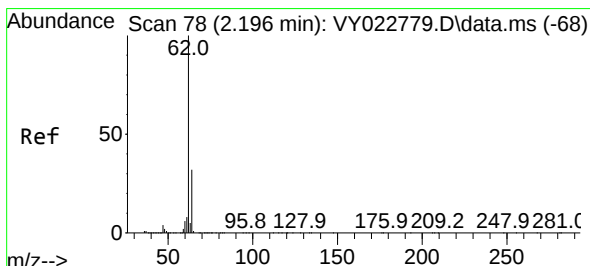
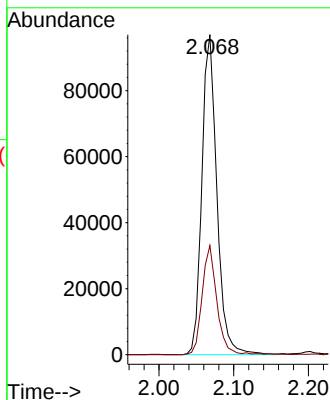
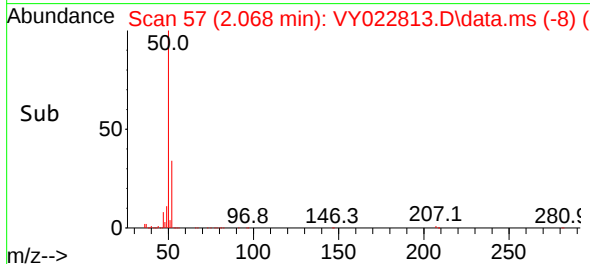
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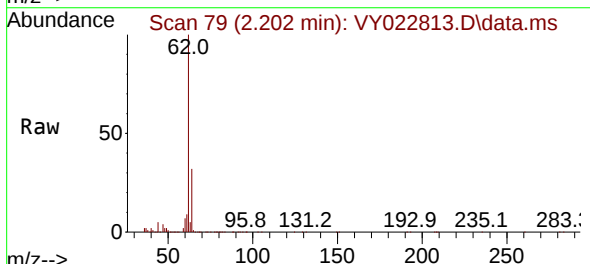
Tgt Ion: 50 Resp: 135254
Ion Ratio Lower Upper
50 100
52 34.1 26.0 39.0

Manual Integrations
APPROVED

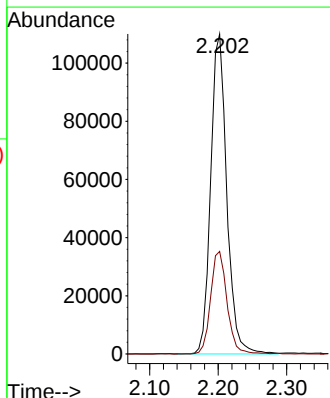
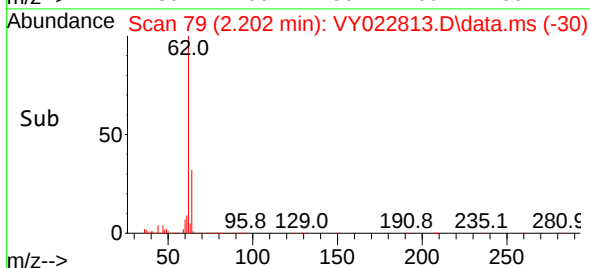
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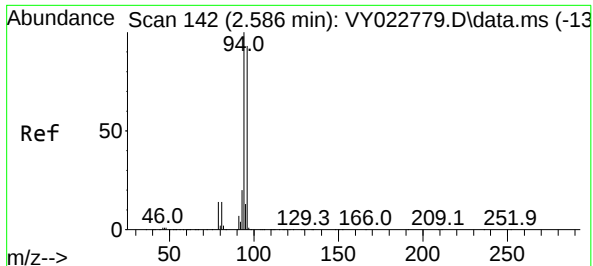


#4
Vinyl Chloride
Concen: 20.311 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.000 min
Lab File: VY022813.D
Acq: 25 Jun 2025 10:18



Tgt Ion: 62 Resp: 179649
Ion Ratio Lower Upper
62 100
64 32.0 25.3 37.9





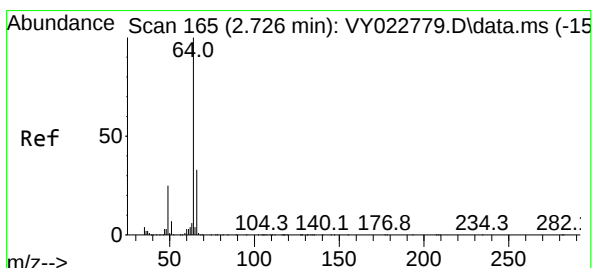
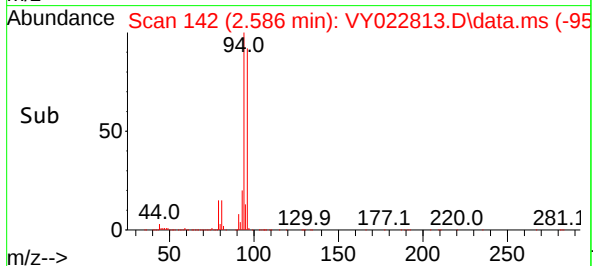
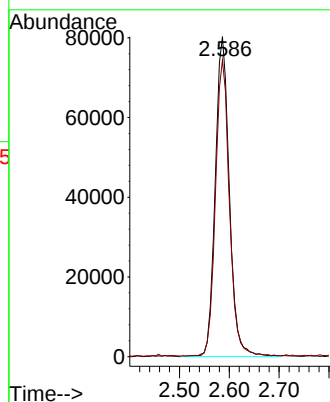
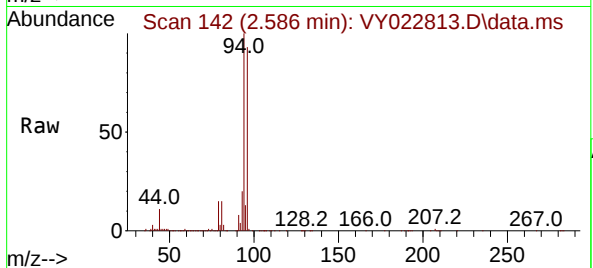
#5
Bromomethane
Concen: 22.731 ug/l
RT: 2.586 min Scan# 142
Delta R.T. -0.012 min
Lab File: VY022813.D
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Instrument :
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Tgt Ion: 94 Resp: 158060
Ion Ratio Lower Upper
94 100
96 92.5 74.0 111.0

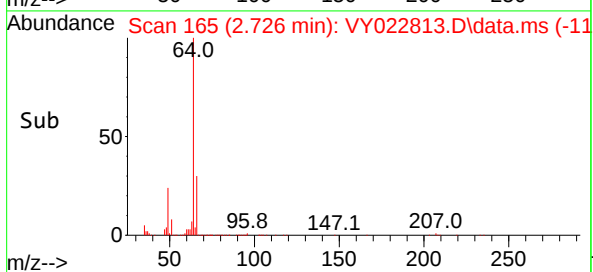
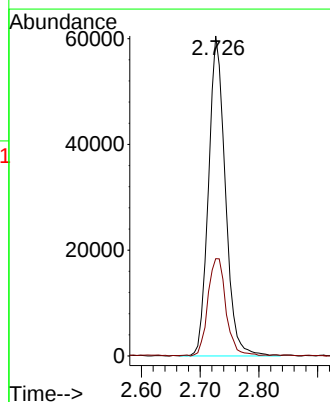
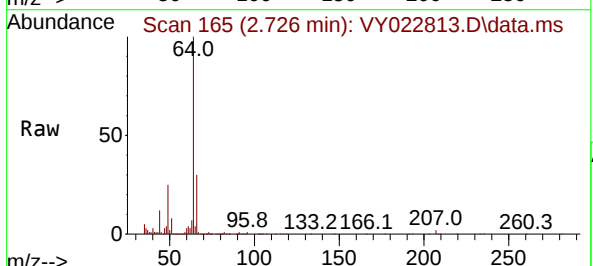
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#6
Chloroethane
Concen: 20.258 ug/l
RT: 2.726 min Scan# 165
Delta R.T. -0.012 min
Lab File: VY022813.D
Acq: 25 Jun 2025 10:18

Tgt Ion: 64 Resp: 120447
Ion Ratio Lower Upper
64 100
66 30.2 23.8 35.6





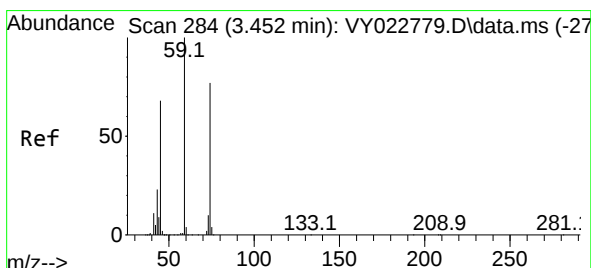
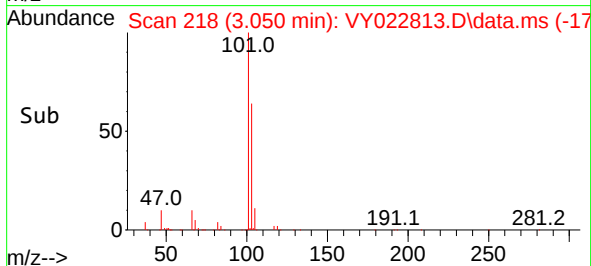
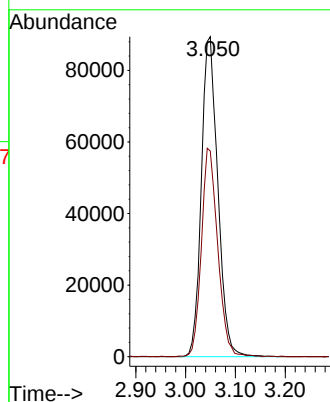
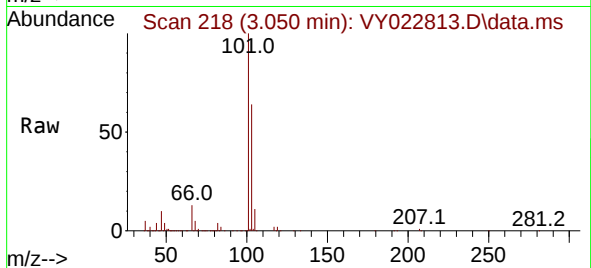
#7
Trichlorofluoromethane
Concen: 20.893 ug/l
RT: 3.050 min Scan# 217
Delta R.T. -0.006 min
Lab File: VY022813.D
Acq: 25 Jun 2025 10:18

Instrument :
MSVOA_Y
ClientSampleId :
VY0625SBS01

Tgt Ion:101 Resp: 20462
Ion Ratio Lower Upper
101 100
103 64.1 52.2 78.2

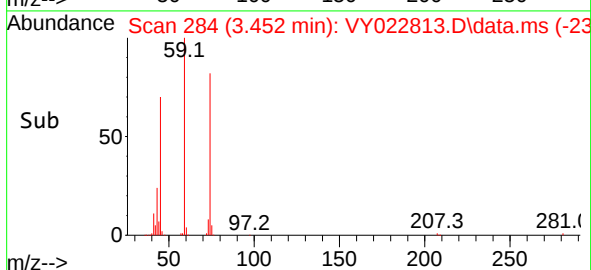
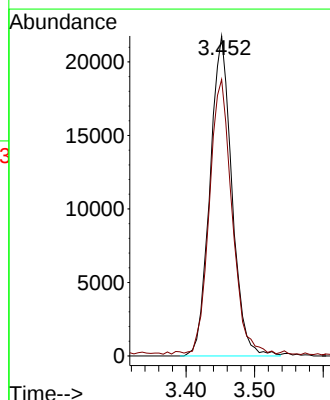
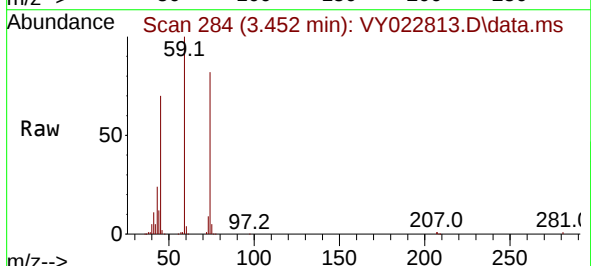
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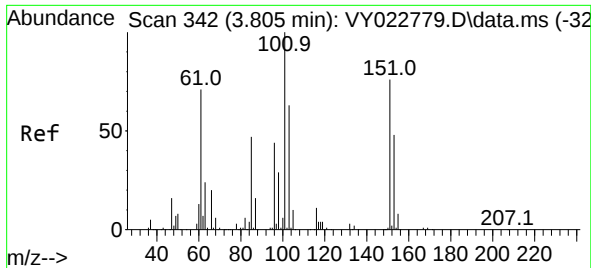
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#8
Diethyl Ether
Concen: 20.030 ug/l
RT: 3.452 min Scan# 284
Delta R.T. -0.012 min
Lab File: VY022813.D
Acq: 25 Jun 2025 10:18

Tgt Ion: 74 Resp: 48452
Ion Ratio Lower Upper
74 100
45 87.8 45.9 137.6





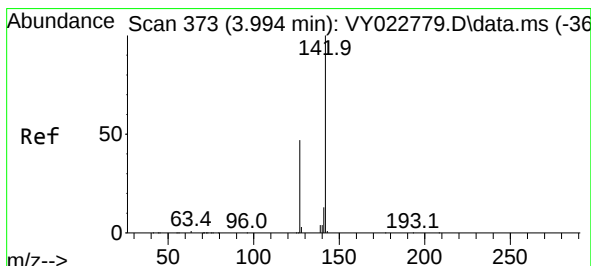
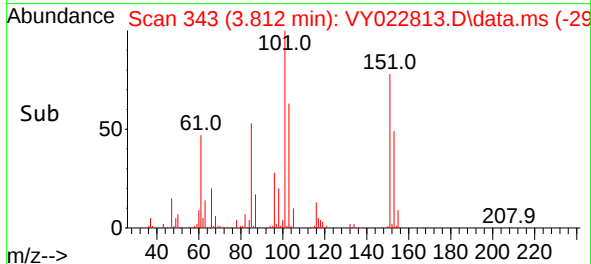
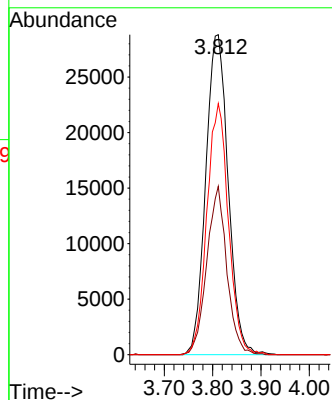
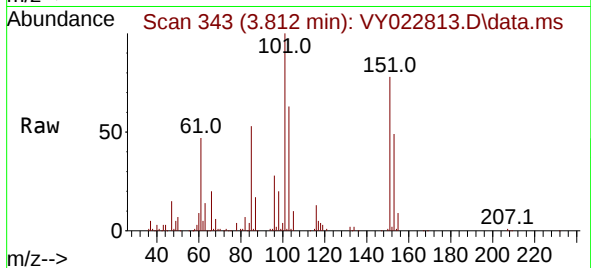
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.732 ug/l
RT: 3.812 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY022813.D
Acq: 25 Jun 2025 10:18

Instrument :
MSVOA_Y
ClientSampleId :
VY0625SBS01

Tgt Ion:101 Resp: 92792
Ion Ratio Lower Upper
101 100
85 47.2 39.3 58.9
151 75.4 57.8 86.8

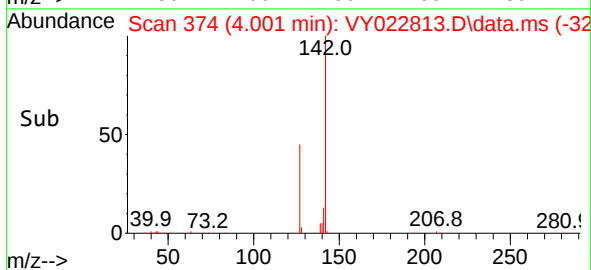
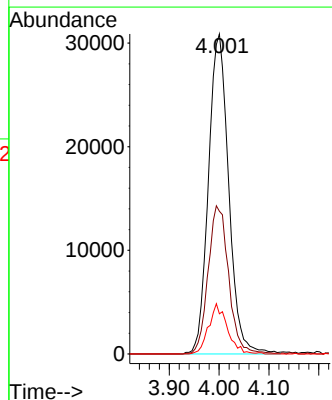
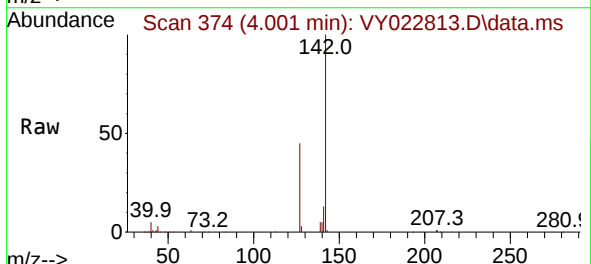
Manual Integrations
APPROVED

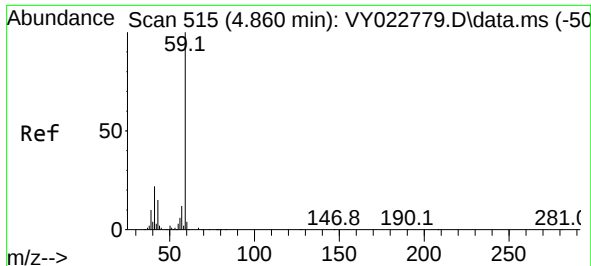
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#10
Methyl Iodide
Concen: 17.878 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY022813.D
Acq: 25 Jun 2025 10:18

Tgt Ion:142 Resp: 87122
Ion Ratio Lower Upper
142 100
127 46.9 37.1 55.7
141 14.5 11.4 17.2





#11

Tert butyl alcohol

Concen: 100.628 ug/l

RT: 4.860 min Scan# 515

Delta R.T. -0.025 min

Lab File: VY022813.D

Acq: 25 Jun 2025 10:18

Instrument :

MSVOA_Y

ClientSampleId :

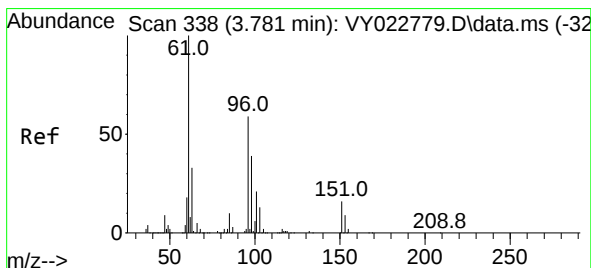
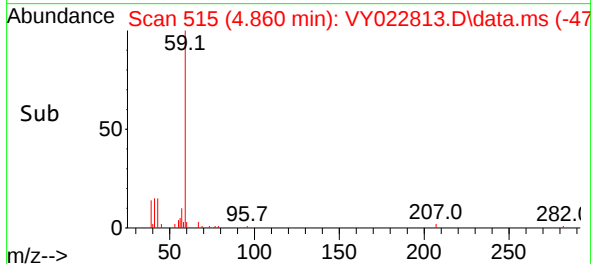
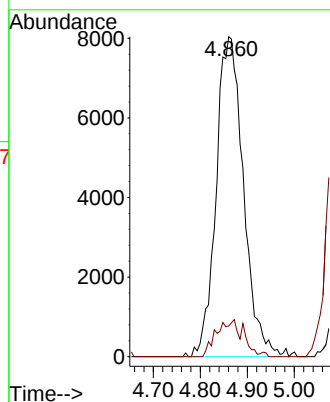
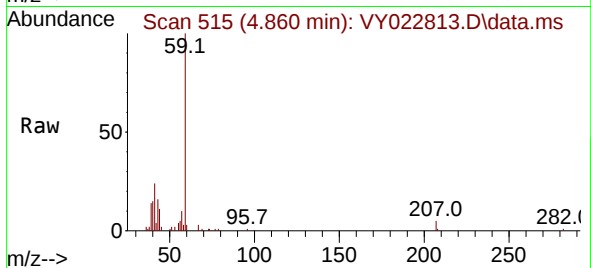
VY0625SBS01

Tgt Ion: 59 Resp: 32380
 Ion Ratio Lower Upper
 59 100
 57 9.0 8.0 12.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/26/2025
 Supervised By :Semsettin Yesilyurt 06/26/2025



#12

1,1-Dichloroethene

Concen: 20.349 ug/l

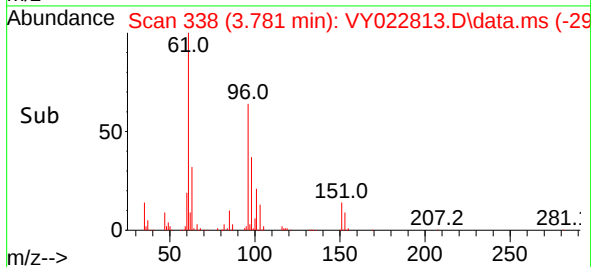
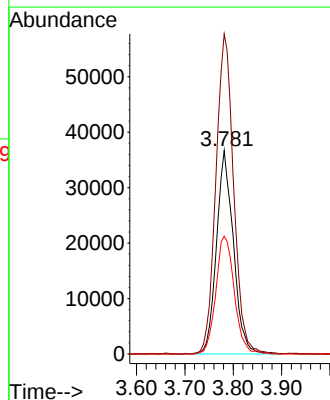
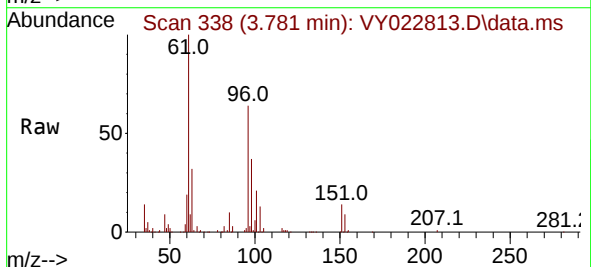
RT: 3.781 min Scan# 338

Delta R.T. -0.018 min

Lab File: VY022813.D

Acq: 25 Jun 2025 10:18

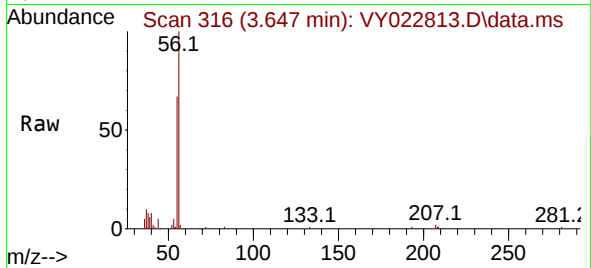
Tgt Ion: 96 Resp: 89307
 Ion Ratio Lower Upper
 96 100
 61 157.4 134.6 201.8
 98 57.9 50.2 75.4





#13
Acrolein
Concen: 98.090 ug/l
RT: 3.647 min Scan# 316
Delta R.T. -0.012 min
Lab File: VY022813.D
Acq: 25 Jun 2025 10:18

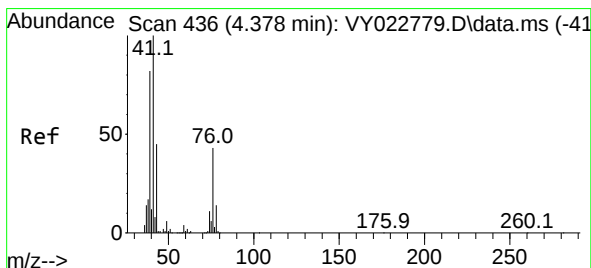
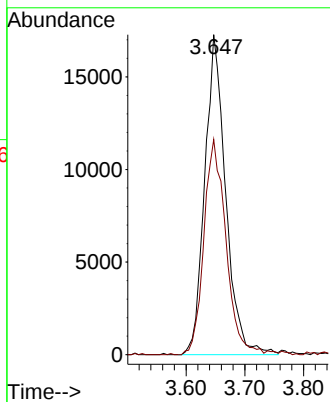
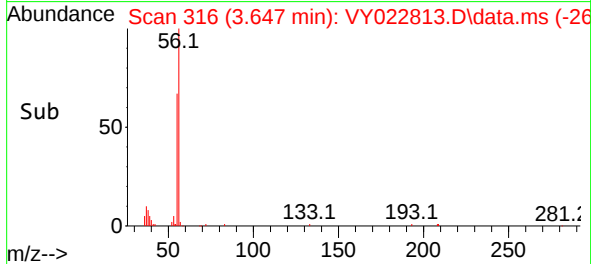
Instrument :
MSVOA_Y
ClientSampleId :
VY0625SBS01



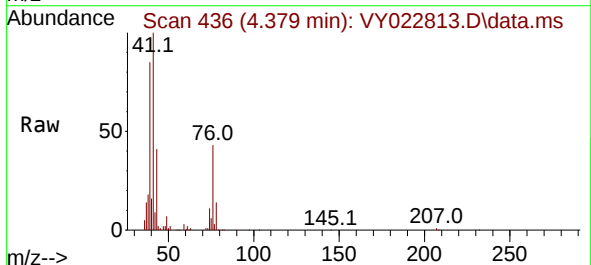
Tgt Ion: 56 Resp: 42800
Ion Ratio Lower Upper
56 100
55 71.0 57.0 85.6

Manual Integrations
APPROVED

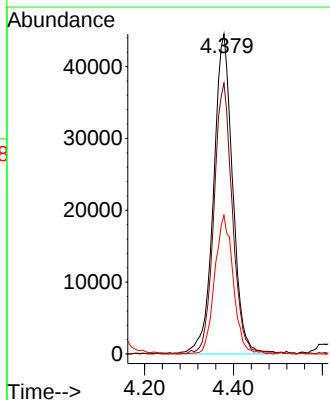
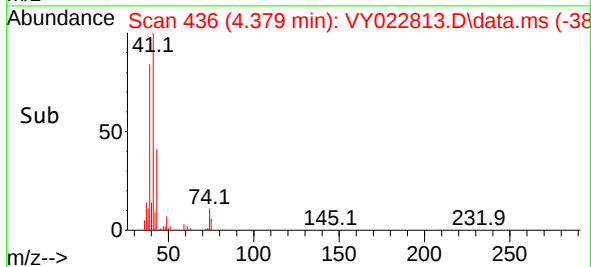
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025

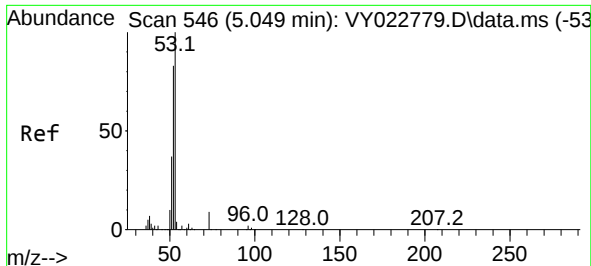


#14
Allyl chloride
Concen: 19.693 ug/l
RT: 4.379 min Scan# 436
Delta R.T. -0.012 min
Lab File: VY022813.D
Acq: 25 Jun 2025 10:18



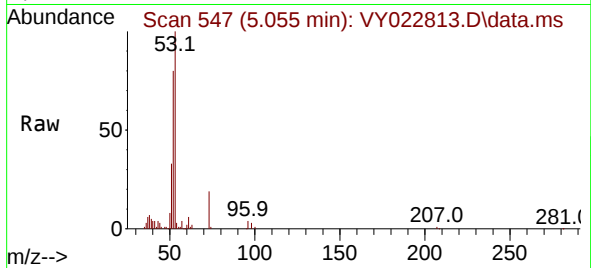
Tgt Ion: 41 Resp: 132935
Ion Ratio Lower Upper
41 100
39 81.6 69.1 103.7
76 41.8 33.5 50.3





#15
Acrylonitrile
Concen: 99.304 ug/l
RT: 5.055 min Scan# 546
Delta R.T. -0.012 min
Lab File: VY022813.D
Acq: 25 Jun 2025 10:18

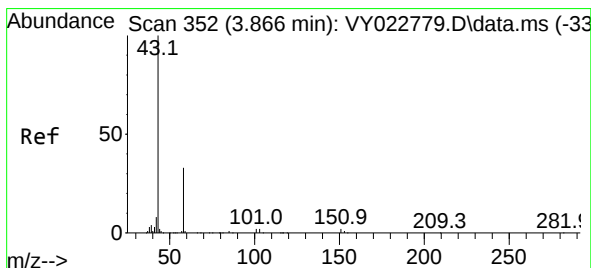
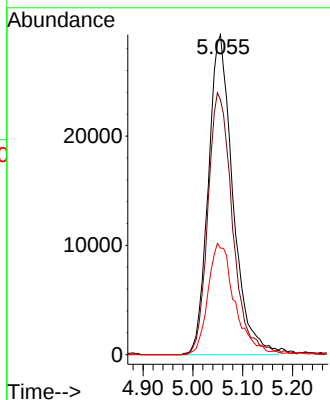
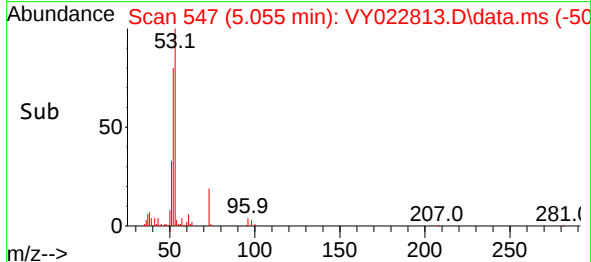
Instrument :
MSVOA_Y
ClientSampleId :
VY0625SBS01



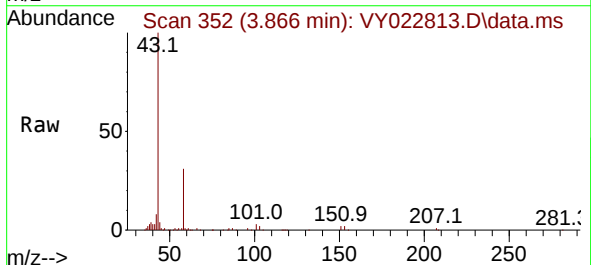
Tgt Ion: 53 Resp: 100224
Ion Ratio Lower Upper
53 100
52 82.4 65.7 98.5
51 38.0 30.1 45.1

Manual Integrations
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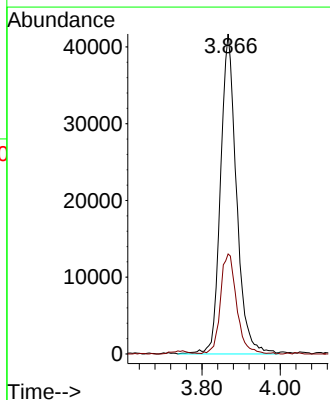
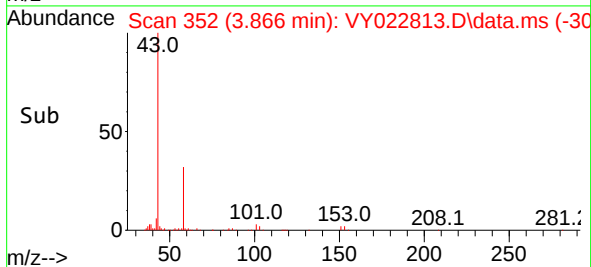
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025

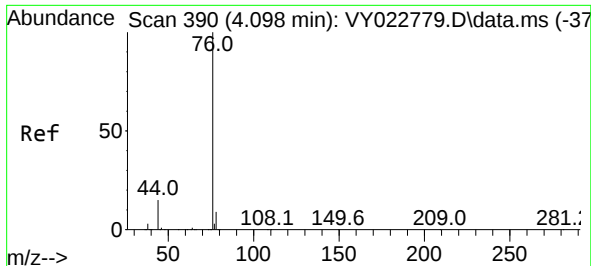


#16
Acetone
Concen: 129.507 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.012 min
Lab File: VY022813.D
Acq: 25 Jun 2025 10:18



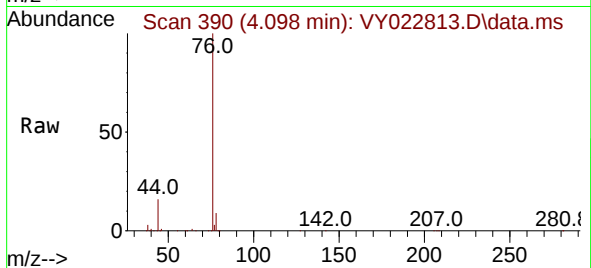
Tgt Ion: 43 Resp: 118455
Ion Ratio Lower Upper
43 100
58 31.1 24.0 36.0





#17
Carbon Disulfide
Concen: 20.053 ug/l
RT: 4.098 min Scan# 390
Delta R.T. -0.012 min
Lab File: VY022813.D
Acq: 25 Jun 2025 10:18

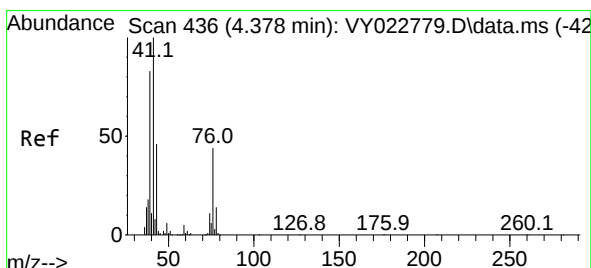
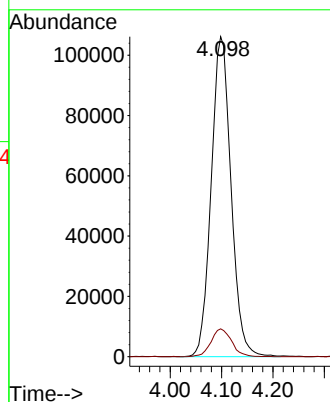
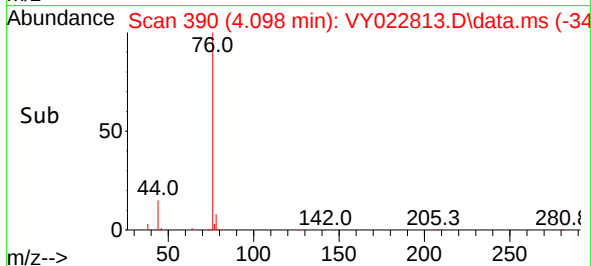
Instrument :
MSVOA_Y
ClientSampleId :
VY0625SBS01



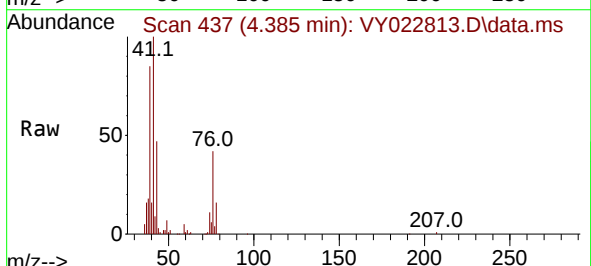
Tgt Ion: 76 Resp: 284304
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.2

Manual Integrations
APPROVED

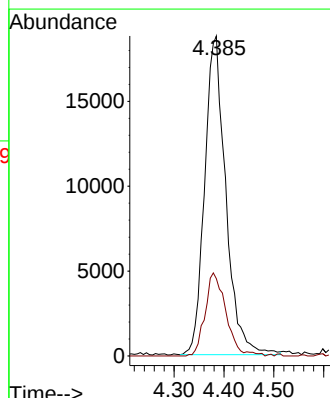
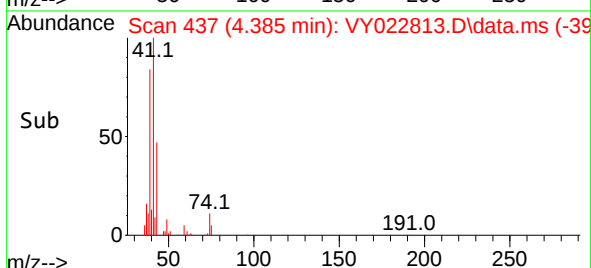
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#18
Methyl Acetate
Concen: 18.257 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.012 min
Lab File: VY022813.D
Acq: 25 Jun 2025 10:18



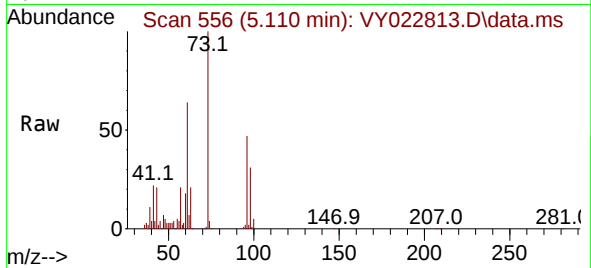
Tgt Ion: 43 Resp: 55302
Ion Ratio Lower Upper
43 100
74 25.8 19.8 29.6





#19
Methyl tert-butyl Ether
Concen: 20.365 ug/l
RT: 5.110 min Scan# 511
Delta R.T. -0.018 min
Lab File: VY022813.D
Acq: 25 Jun 2025 10:18

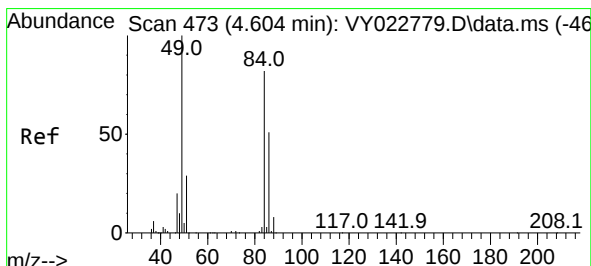
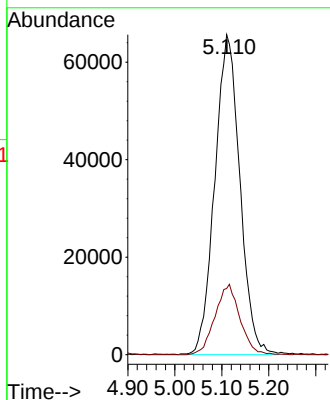
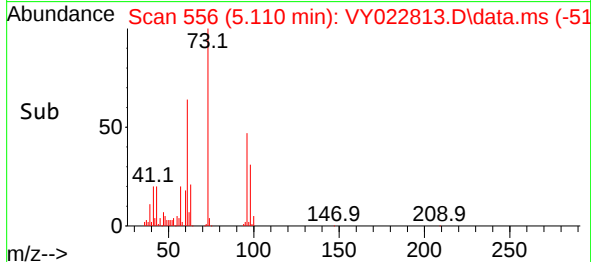
Instrument :
MSVOA_Y
ClientSampleId :
VY0625SBS01



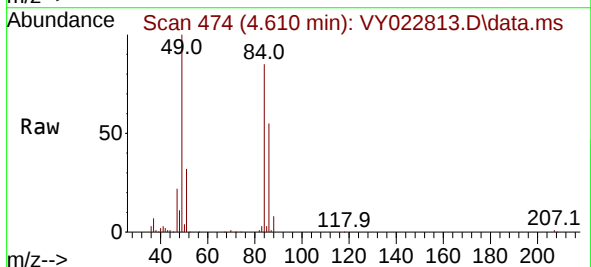
Tgt Ion: 73 Resp: 24336
Ion Ratio Lower Upper
73 100
57 20.7 17.4 26.0

Manual Integrations
APPROVED

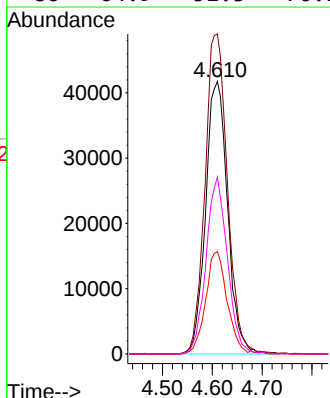
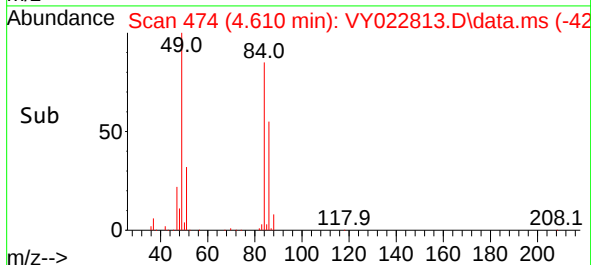
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025

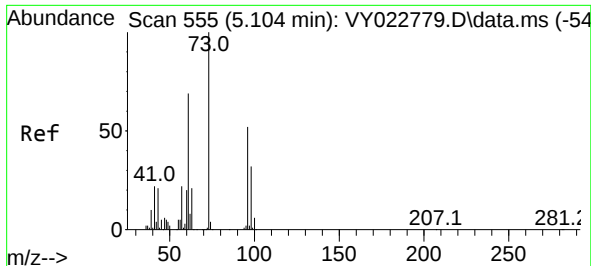


#20
Methylene Chloride
Concen: 22.190 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.012 min
Lab File: VY022813.D
Acq: 25 Jun 2025 10:18



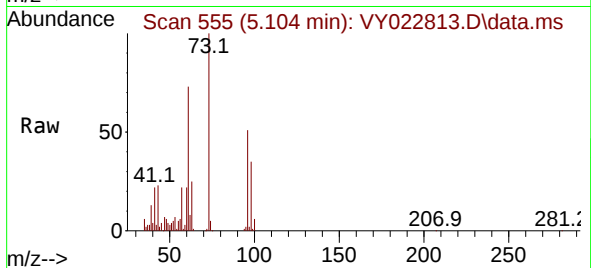
Tgt Ion: 84 Resp: 128175
Ion Ratio Lower Upper
84 100
49 117.4 101.9 152.9
51 37.4 29.8 44.8
86 64.9 51.3 76.9





#21
trans-1,2-Dichloroethene
Concen: 19.936 ug/l
RT: 5.104 min Scan# 511
Delta R.T. -0.018 min
Lab File: VY022813.D
Acq: 25 Jun 2025 10:18

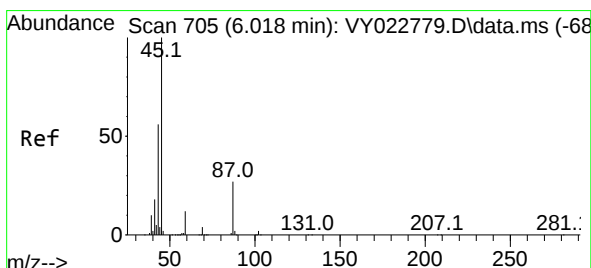
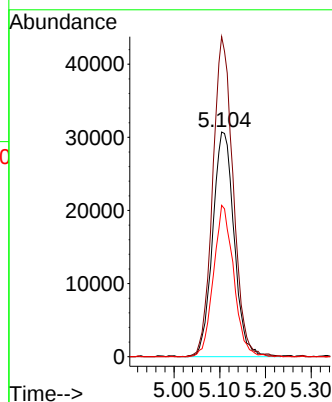
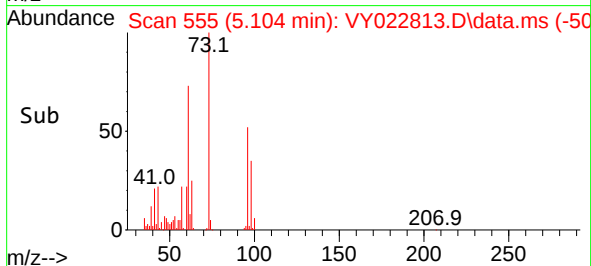
Instrument :
MSVOA_Y
ClientSampleId :
VY0625SBS01



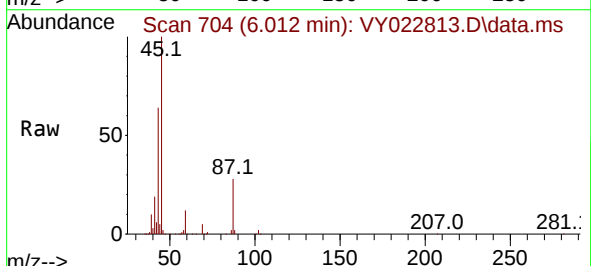
Tgt Ion: 96 Resp: 99994
Ion Ratio Lower Upper
96 100
61 142.4 112.6 169.0
98 67.4 50.6 75.8

Manual Integrations
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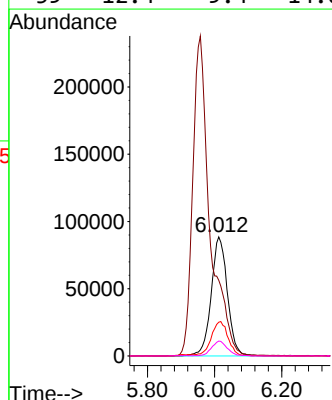
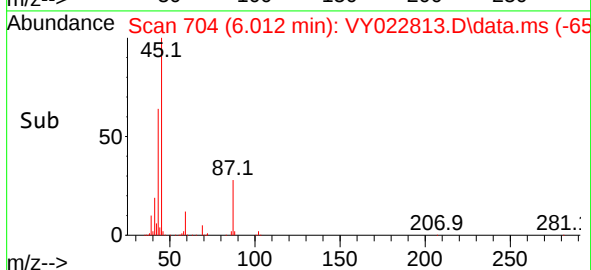
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025

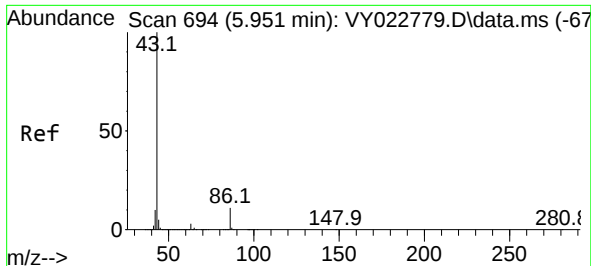


#22
Diisopropyl ether
Concen: 19.762 ug/l
RT: 6.012 min Scan# 704
Delta R.T. -0.012 min
Lab File: VY022813.D
Acq: 25 Jun 2025 10:18



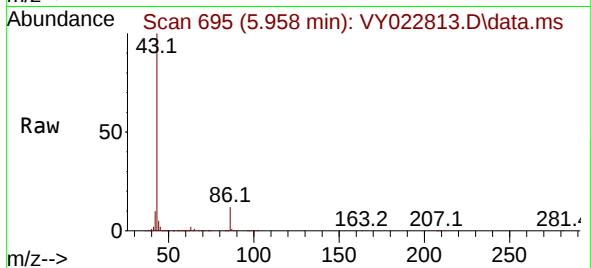
Tgt Ion: 45 Resp: 296254
Ion Ratio Lower Upper
45 100
43 63.2 48.3 72.5
87 28.3 23.0 34.6
59 12.4 9.4 14.0





#23
 Vinyl Acetate
 Concen: 102.218 ug/l
 RT: 5.958 min Scan# 694
 Delta R.T. -0.012 min
 Lab File: VY022813.D
 Acq: 25 Jun 2025 10:18

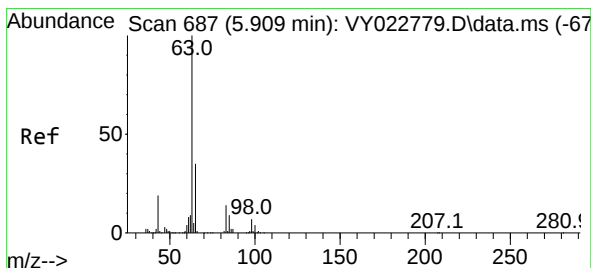
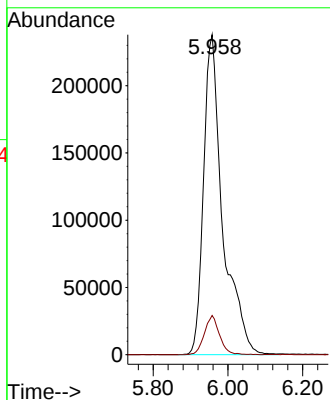
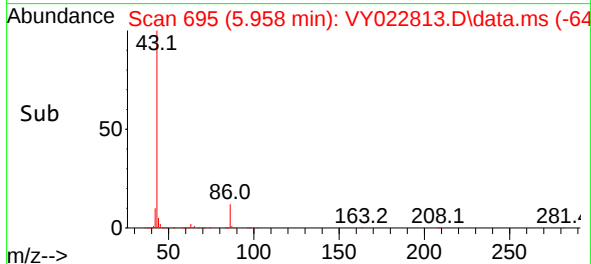
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0625SBS01



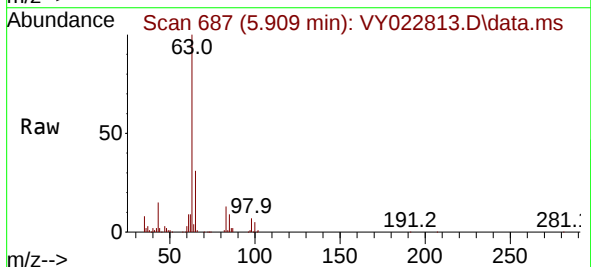
Tgt Ion: 43 Resp: 84632
 Ion Ratio Lower Upper
 43 100
 86 12.2 8.6 12.8

Manual Integrations
 APPROVED

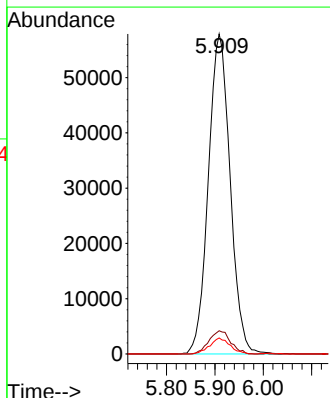
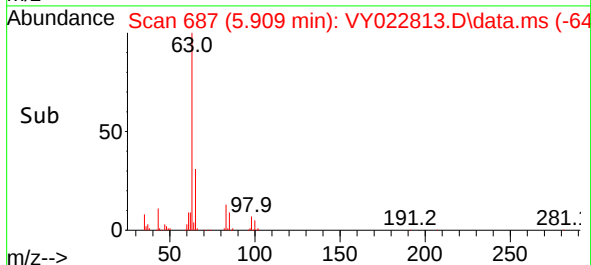
Reviewed By :Mahesh Dadoda 06/26/2025
 Supervised By :Semsettin Yesilyurt 06/26/2025

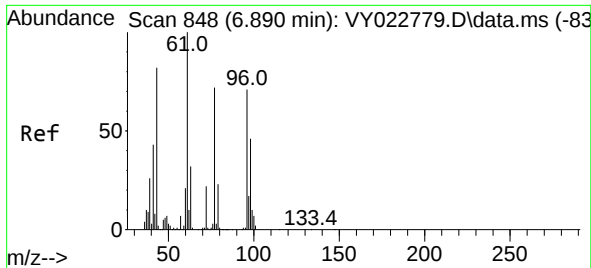


#24
 1,1-Dichloroethane
 Concen: 20.023 ug/l
 RT: 5.909 min Scan# 687
 Delta R.T. -0.012 min
 Lab File: VY022813.D
 Acq: 25 Jun 2025 10:18



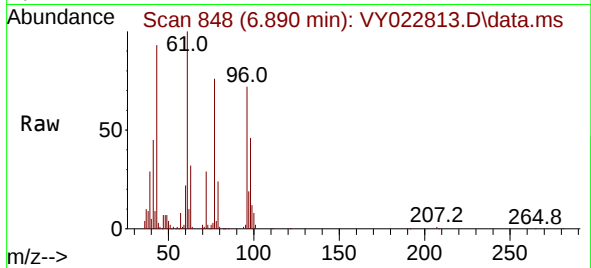
Tgt Ion: 63 Resp: 181309
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.4 10.1
 100 5.0 2.1 6.3





#25
2-Butanone
Concen: 112.367 ug/l
RT: 6.890 min Scan# 848
Delta R.T. -0.012 min
Lab File: VY022813.D
Acq: 25 Jun 2025 10:18

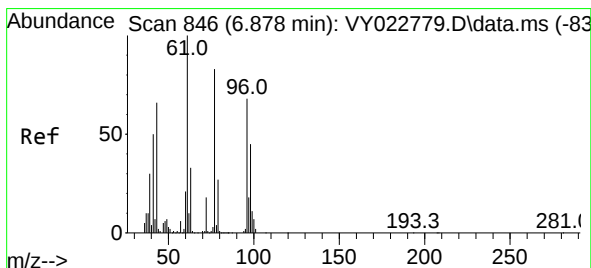
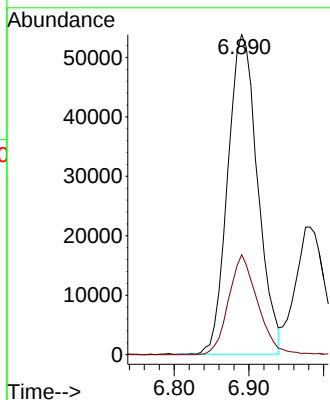
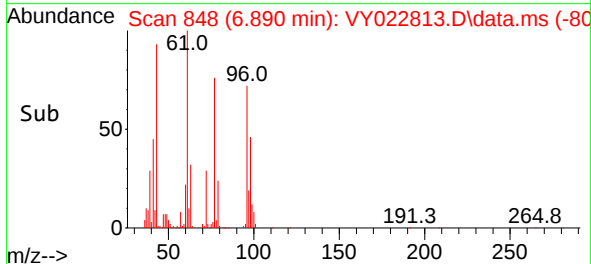
Instrument :
MSVOA_Y
ClientSampleId :
VY0625SBS01



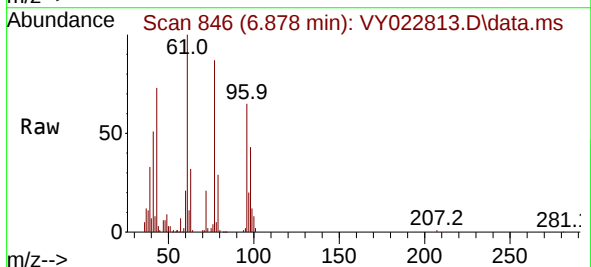
Tgt Ion: 43 Resp: 149586
Ion Ratio Lower Upper
43 100
72 31.3 22.9 34.3

Manual Integrations
APPROVED

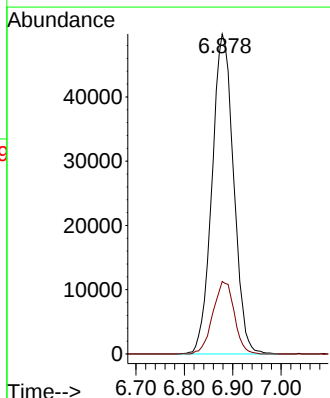
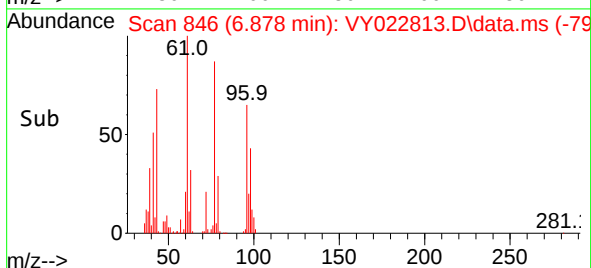
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025

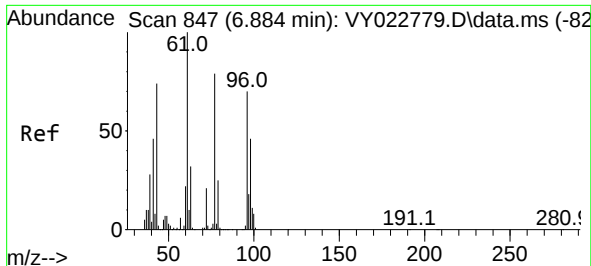


#26
2,2-Dichloropropane
Concen: 20.351 ug/l
RT: 6.878 min Scan# 846
Delta R.T. -0.012 min
Lab File: VY022813.D
Acq: 25 Jun 2025 10:18



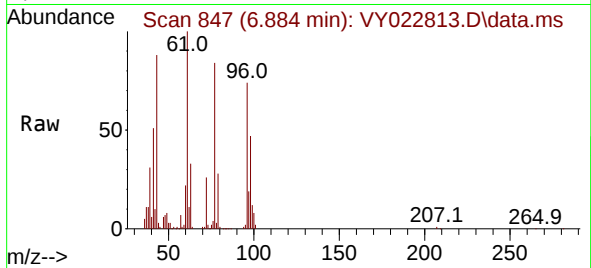
Tgt Ion: 77 Resp: 154476
Ion Ratio Lower Upper
77 100
97 22.4 11.4 34.2





#27
 cis-1,2-Dichloroethene
 Concen: 20.065 ug/l
 RT: 6.884 min Scan# 847
 Delta R.T. -0.012 min
 Lab File: VY022813.D
 Acq: 25 Jun 2025 10:18

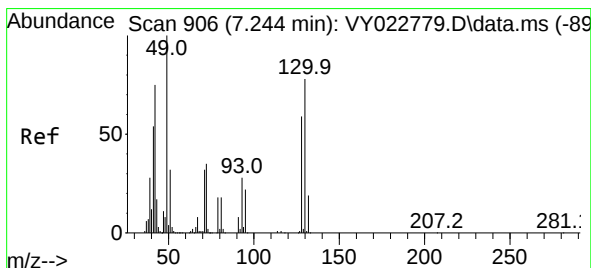
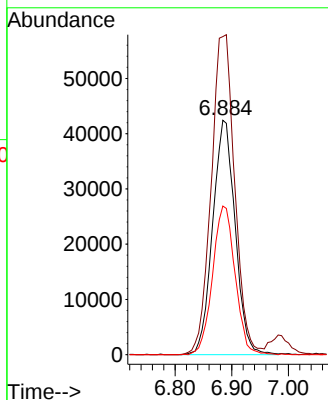
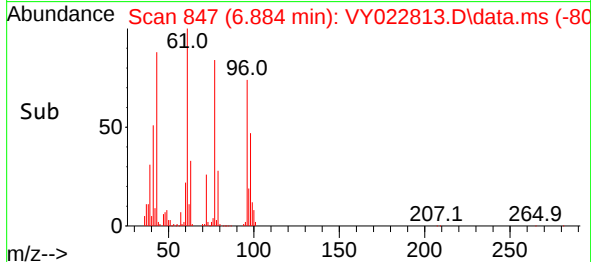
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0625SBS01



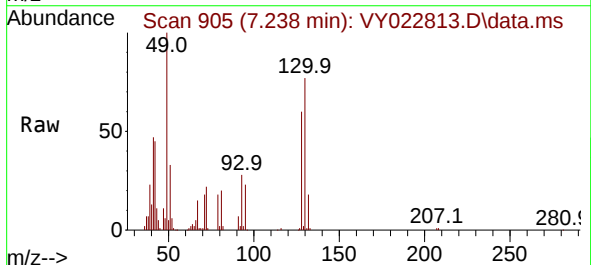
Tgt Ion: 96 Resp: 116940
 Ion Ratio Lower Upper
 96 100
 61 142.4 0.0 290.0
 98 63.3 0.0 128.4

Manual Integrations
 APPROVED

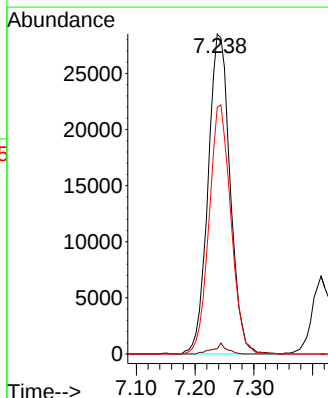
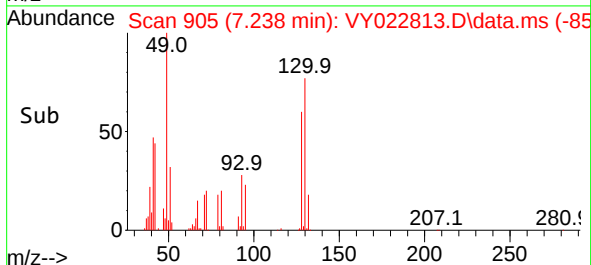
Reviewed By :Mahesh Dadoda 06/26/2025
 Supervised By :Semsettin Yesilyurt 06/26/2025

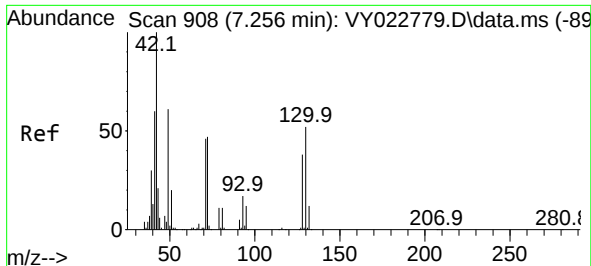


#28
 Bromochloromethane
 Concen: 19.490 ug/l
 RT: 7.238 min Scan# 905
 Delta R.T. -0.012 min
 Lab File: VY022813.D
 Acq: 25 Jun 2025 10:18



Tgt Ion: 49 Resp: 74195
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 3.6
 130 77.2 55.7 83.5





#29

Tetrahydrofuran

Concen: 99.484 ug/l

RT: 7.256 min Scan# 908

Delta R.T. -0.012 min

Lab File: VY022813.D

Acq: 25 Jun 2025 10:18

Instrument :

MSVOA_Y

ClientSampleId :

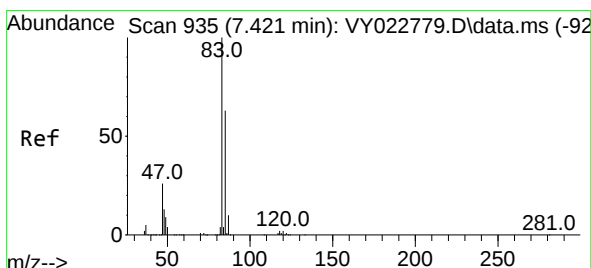
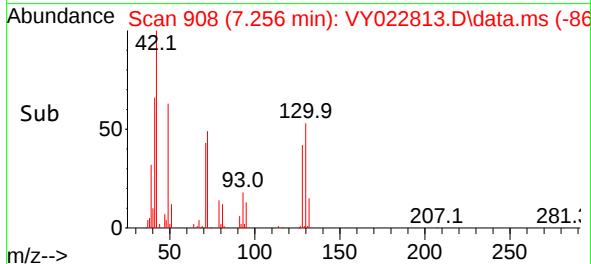
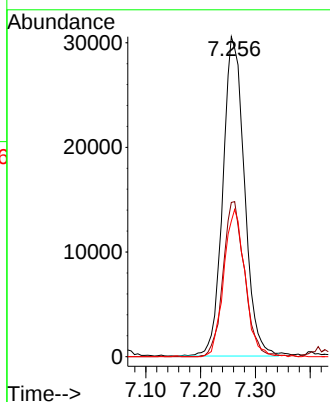
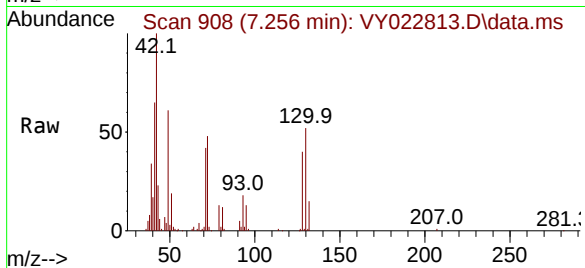
VY0625SBS01

Tgt Ion: 42 Resp: 83620

Ion	Ratio	Lower	Upper
42	100		
72	48.3	37.4	56.2
71	45.5	34.2	51.2

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#30

Chloroform

Concen: 20.025 ug/l

RT: 7.415 min Scan# 934

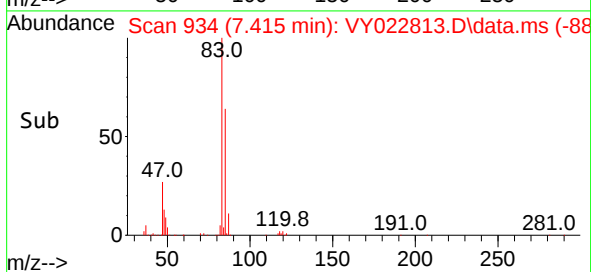
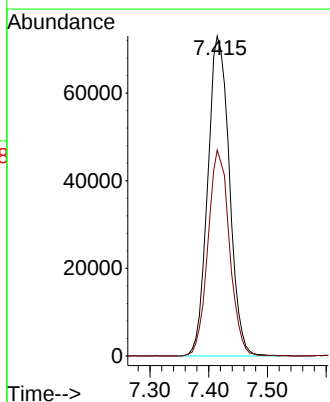
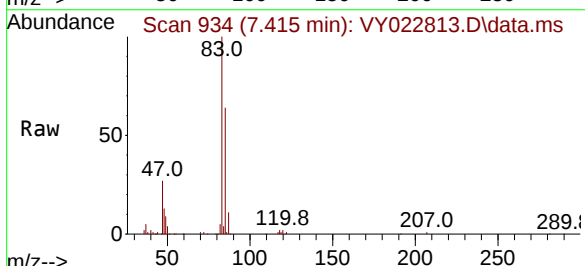
Delta R.T. -0.012 min

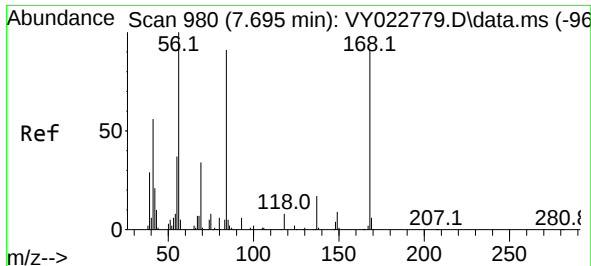
Lab File: VY022813.D

Acq: 25 Jun 2025 10:18

Tgt Ion: 83 Resp: 186763

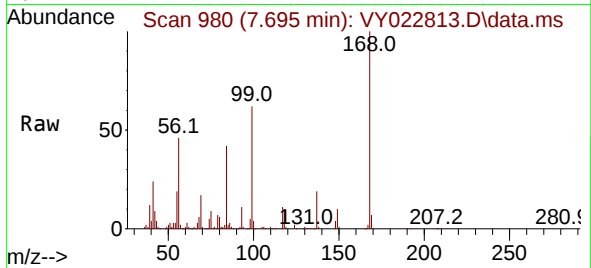
Ion	Ratio	Lower	Upper
83	100		
85	64.3	54.2	81.4





#31
Cyclohexane
Concen: 20.368 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY022813.D
Acq: 25 Jun 2025 10:18

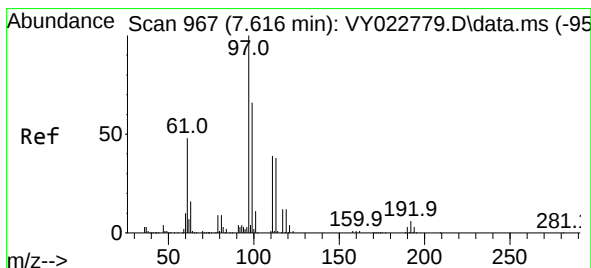
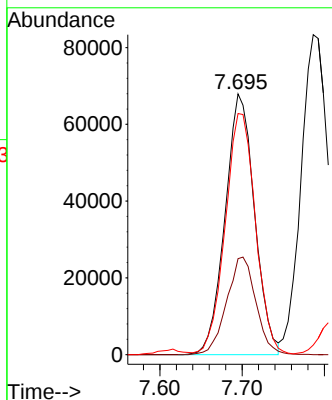
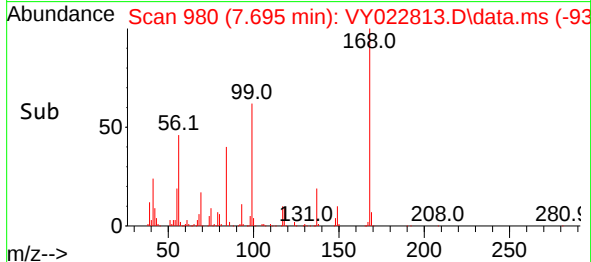
Instrument :
MSVOA_Y
ClientSampleId :
VY0625SBS01



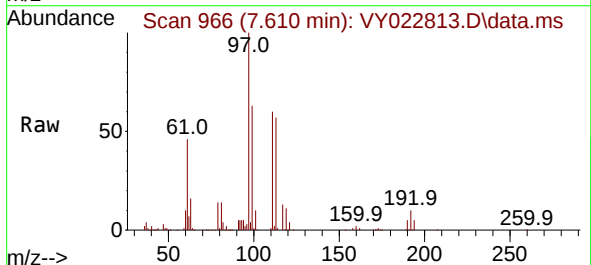
Tgt Ion: 56 Resp: 16930
Ion Ratio Lower Upper
56 100
69 36.8 27.0 40.6
84 91.1 72.6 109.0

Manual Integrations
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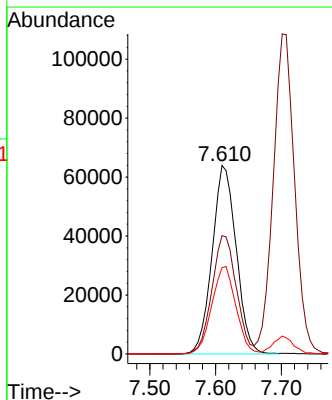
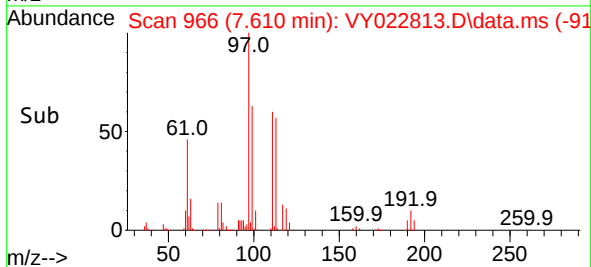
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025

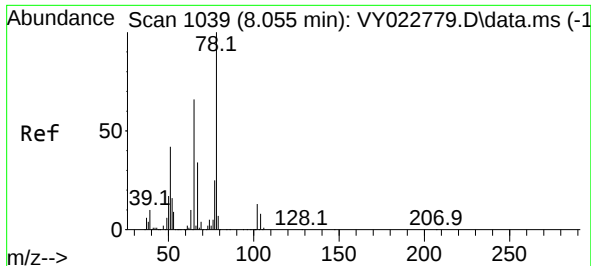


#32
1,1,1-Trichloroethane
Concen: 20.242 ug/l
RT: 7.610 min Scan# 966
Delta R.T. -0.012 min
Lab File: VY022813.D
Acq: 25 Jun 2025 10:18



Tgt Ion: 97 Resp: 163141
Ion Ratio Lower Upper
97 100
99 63.9 50.9 76.3
61 46.7 38.5 57.7





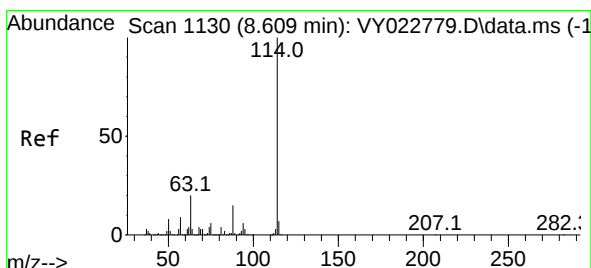
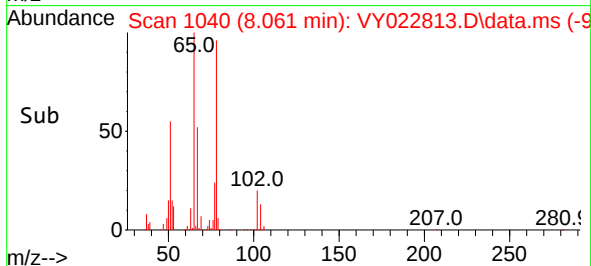
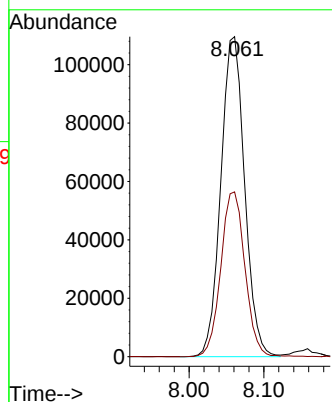
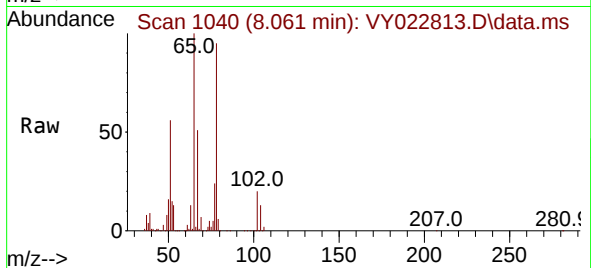
#33
1,2-Dichloroethane-d4
Concen: 50.136 ug/l
RT: 8.061 min Scan# 1039
Delta R.T. -0.006 min
Lab File: VY022813.D
Acq: 25 Jun 2025 10:18

Instrument :
MSVOA_Y
ClientSampleId :
VY0625SBS01

Tgt Ion: 65 Resp: 24262
Ion Ratio Lower Upper
65 100
67 52.3 0.0 103.4

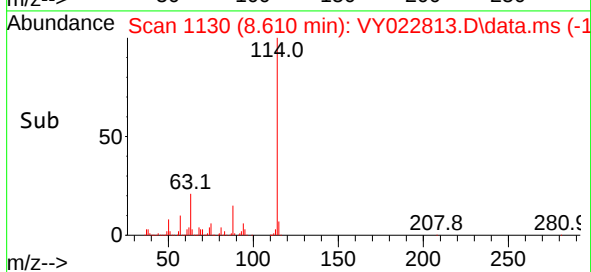
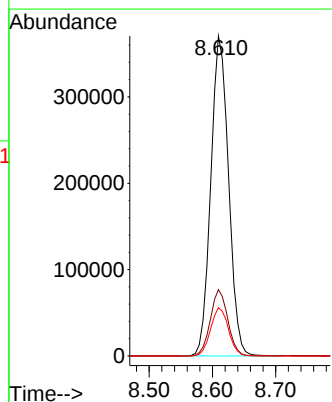
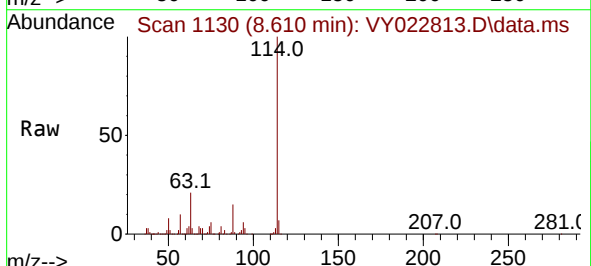
Manual Integrations
APPROVED

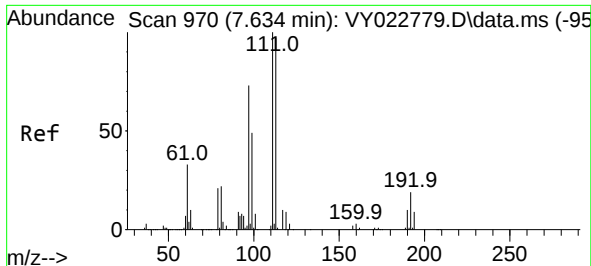
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.610 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VY022813.D
Acq: 25 Jun 2025 10:18

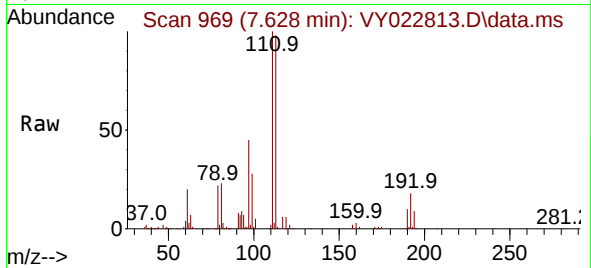
Tgt Ion:114 Resp: 722109
Ion Ratio Lower Upper
114 100
63 20.7 0.0 40.8
88 15.1 0.0 27.8





#35
Dibromofluoromethane
Concen: 50.120 ug/l
RT: 7.628 min Scan# 910
Delta R.T. -0.012 min
Lab File: VY022813.D
Acq: 25 Jun 2025 10:18

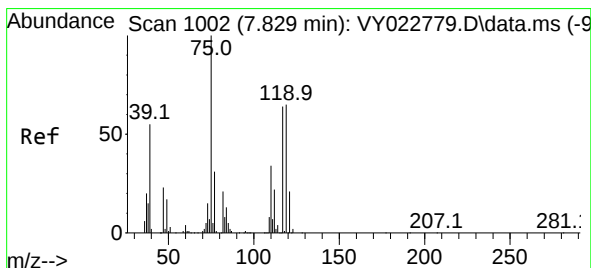
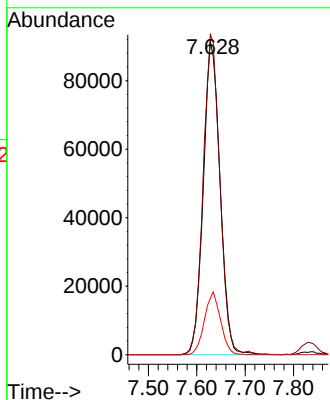
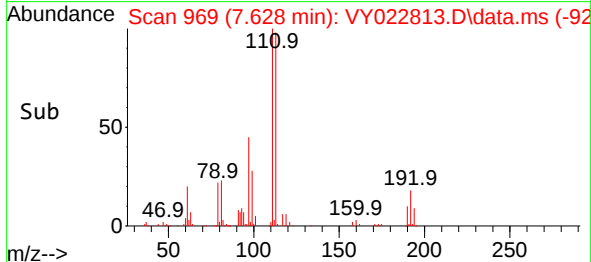
Instrument :
MSVOA_Y
ClientSampleId :
VY0625SBS01



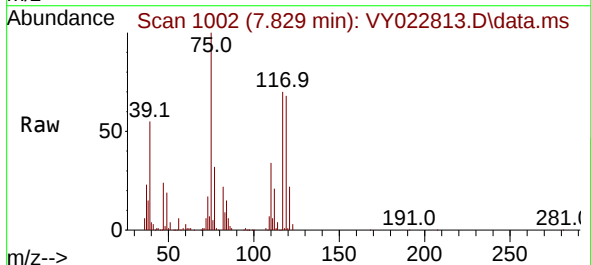
Tgt Ion: 113 Resp: 22010
Ion Ratio Lower Upper
113 100
111 101.5 81.1 121.7
192 19.2 14.2 21.2

Manual Integrations
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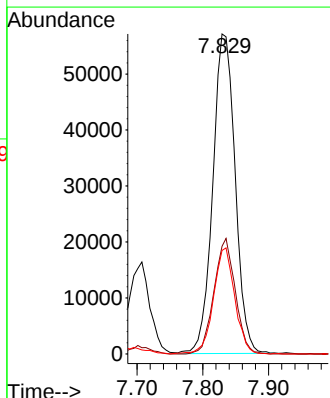
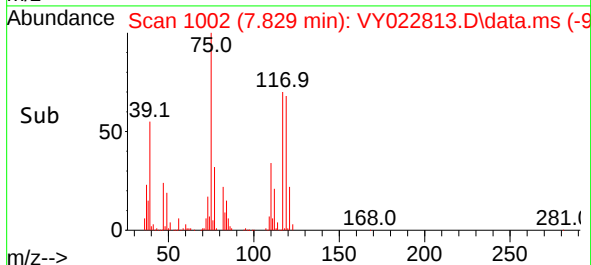
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025

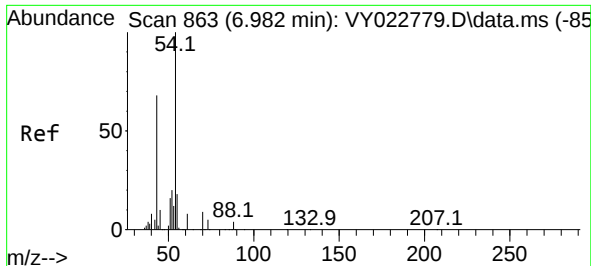


#36
1,1-Dichloropropene
Concen: 20.343 ug/l
RT: 7.829 min Scan# 1002
Delta R.T. -0.012 min
Lab File: VY022813.D
Acq: 25 Jun 2025 10:18



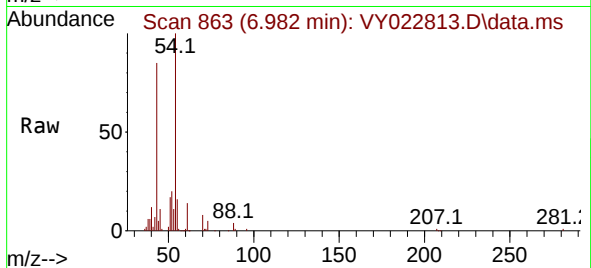
Tgt Ion: 75 Resp: 135413
Ion Ratio Lower Upper
75 100
110 34.2 16.9 50.7
77 31.5 24.8 37.2





#37
Ethyl Acetate
Concen: 20.605 ug/l
RT: 6.982 min Scan# 863
Delta R.T. -0.012 min
Lab File: VY022813.D
Acq: 25 Jun 2025 10:18

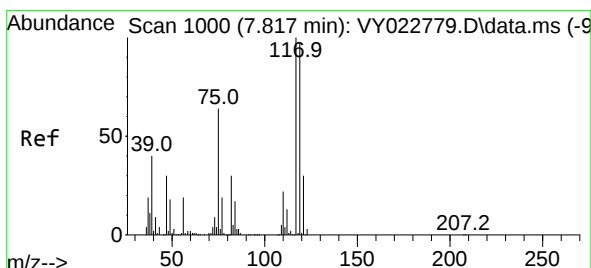
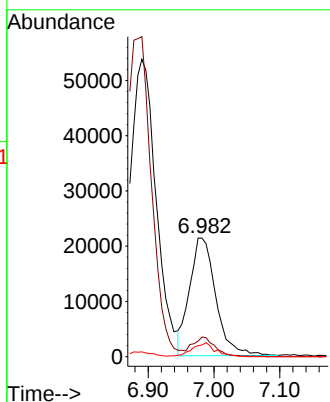
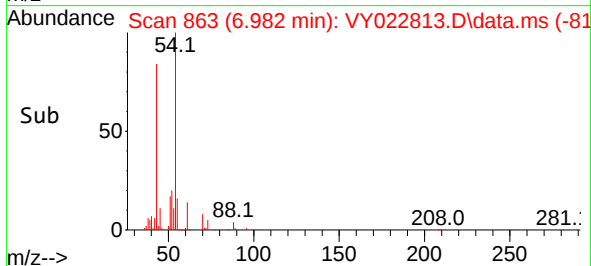
Instrument :
MSVOA_Y
ClientSampleId :
VY0625SBS01



Tgt Ion: 43 Resp: 5918
Ion Ratio Lower Upper
43 100
61 14.3 11.5 17.3
70 10.5 7.2 10.8

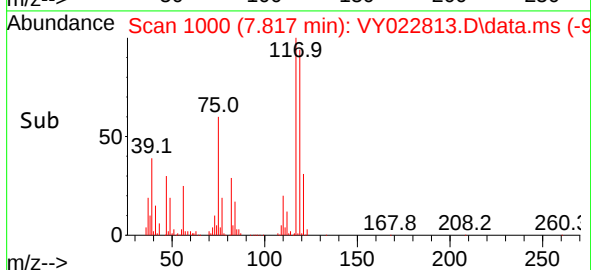
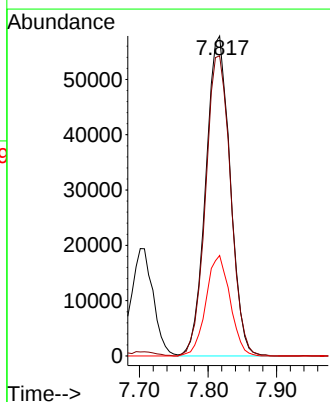
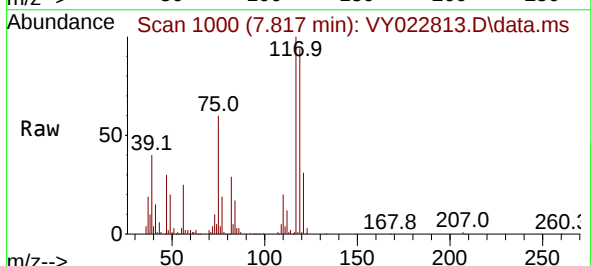
Manual Integrations
APPROVED

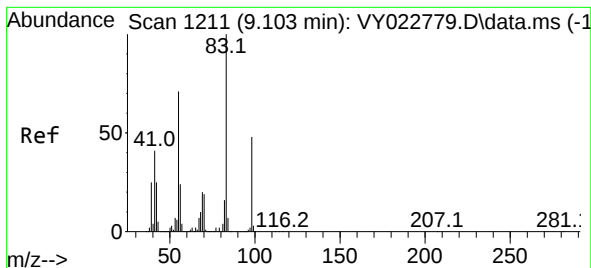
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#38
Carbon Tetrachloride
Concen: 20.369 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY022813.D
Acq: 25 Jun 2025 10:18

Tgt Ion:117 Resp: 143061
Ion Ratio Lower Upper
117 100
119 93.8 75.0 112.6
121 31.4 25.0 37.4





#39

Methylcyclohexane

Concen: 20.588 ug/l

RT: 9.103 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY022813.D

Acq: 25 Jun 2025 10:18

Instrument :

MSVOA_Y

ClientSampleId :

VY0625SBS01

Tgt Ion: 83 Resp: 17735

Ion Ratio Lower Upper

83 100

55 72.2 58.1 87.1

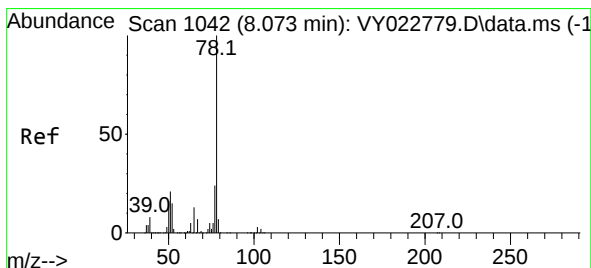
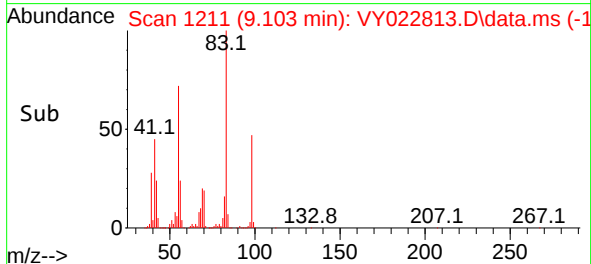
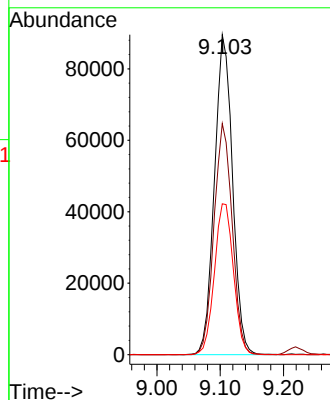
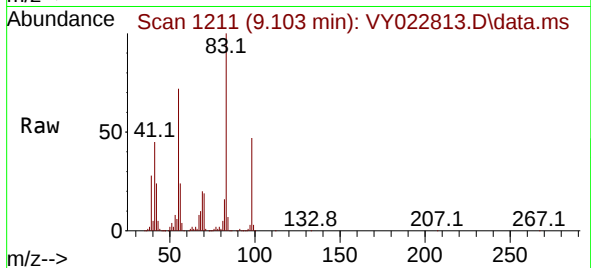
98 47.1 39.0 58.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/26/2025

Supervised By :Semsettin Yesilyurt 06/26/2025



#40

Benzene

Concen: 20.095 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.006 min

Lab File: VY022813.D

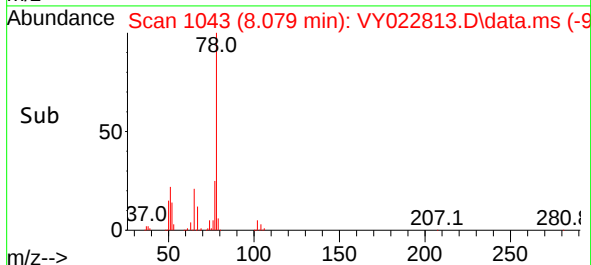
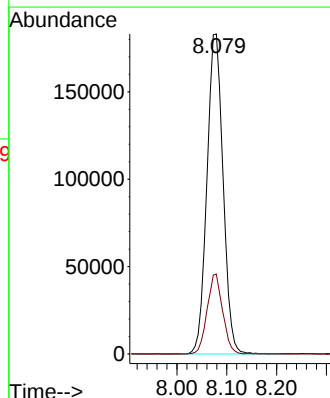
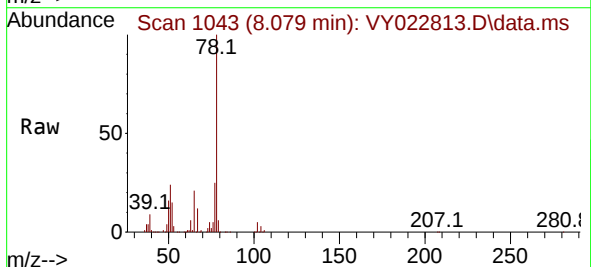
Acq: 25 Jun 2025 10:18

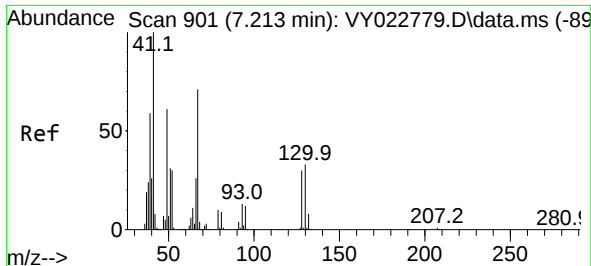
Tgt Ion: 78 Resp: 411248

Ion Ratio Lower Upper

78 100

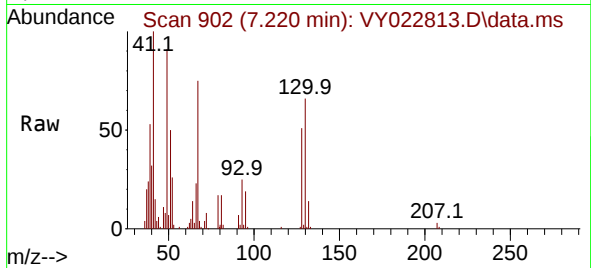
77 25.0 19.3 28.9





#41
Methacrylonitrile
Concen: 17.917 ug/l
RT: 7.220 min Scan# 901
Delta R.T. -0.012 min
Lab File: VY022813.D
Acq: 25 Jun 2025 10:18

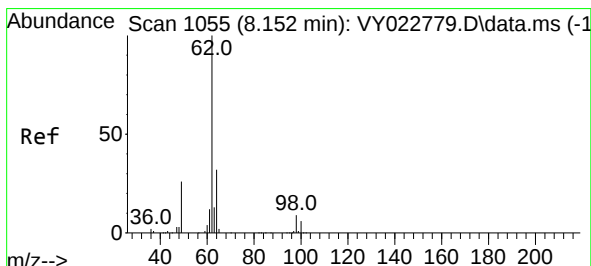
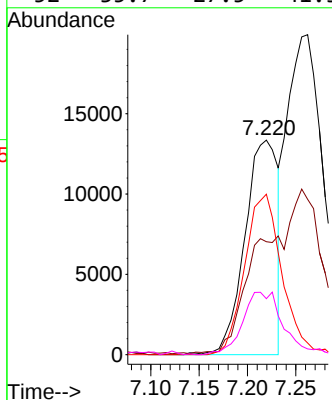
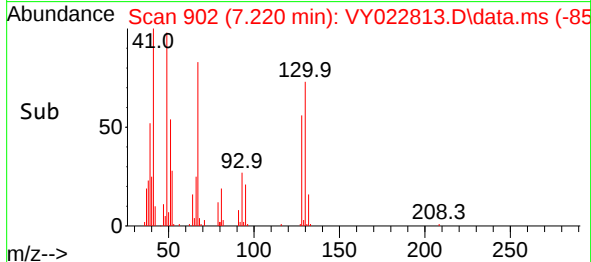
Instrument :
MSVOA_Y
ClientSampleId :
VY0625SBS01



Tgt Ion: 41 Resp: 3168
Ion Ratio Lower Upper
41 100
39 47.5 46.6 69.8
67 84.3 63.3 94.9
52 35.7 27.5 41.3

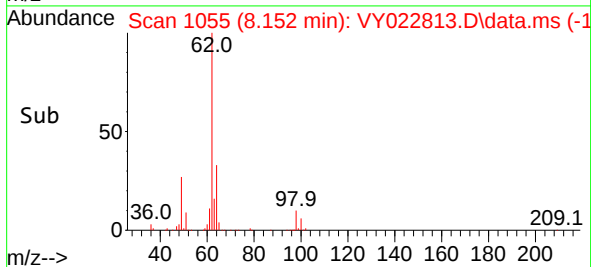
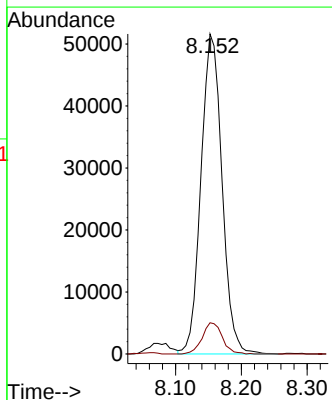
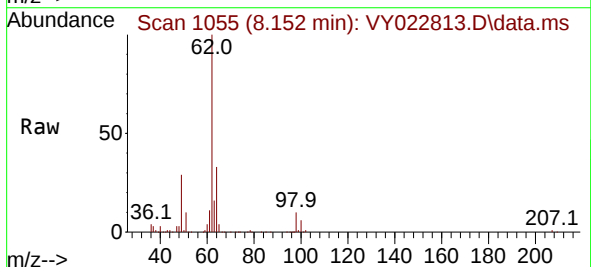
Manual Integrations
APPROVED

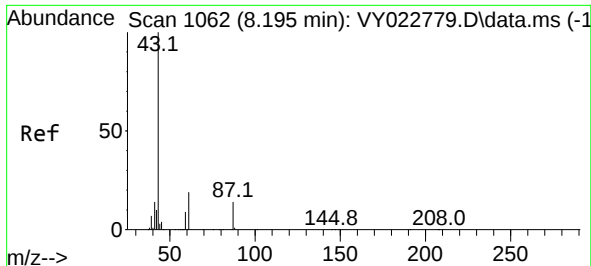
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#42
1,2-Dichloroethane
Concen: 20.492 ug/l
RT: 8.152 min Scan# 1055
Delta R.T. -0.012 min
Lab File: VY022813.D
Acq: 25 Jun 2025 10:18

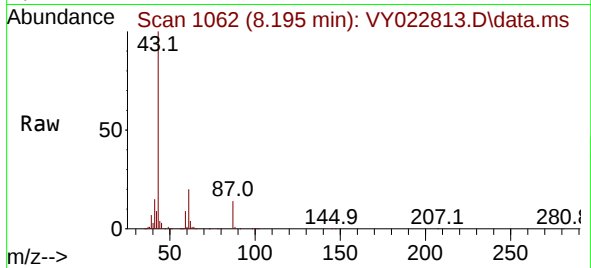
Tgt Ion: 62 Resp: 114922
Ion Ratio Lower Upper
62 100
98 9.3 0.0 19.2





#43
Isopropyl Acetate
Concen: 20.194 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. -0.006 min
Lab File: VY022813.D
Acq: 25 Jun 2025 10:18

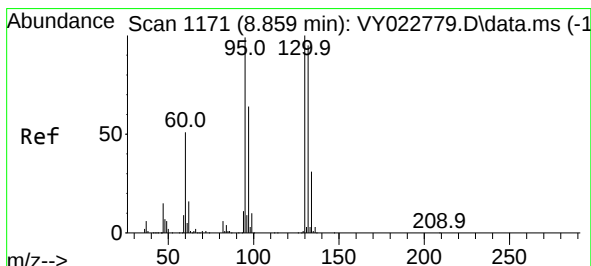
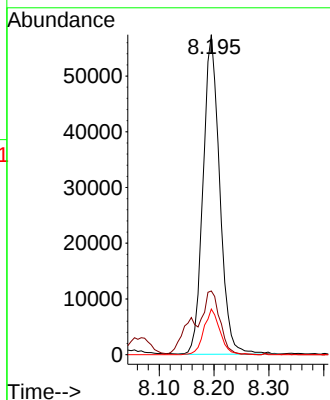
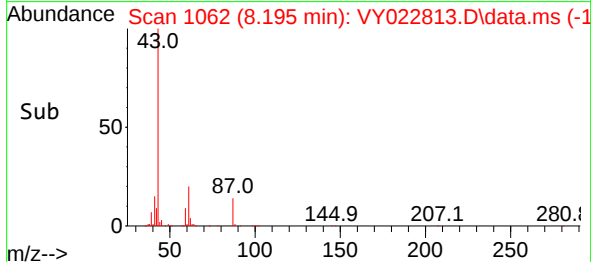
Instrument : MSVOA_Y
ClientSampleId : VY0625SBS01



Tgt Ion: 43 Resp: 120554
Ion Ratio Lower Upper
43 100
61 20.0 15.6 23.4
87 13.7 10.2 15.4

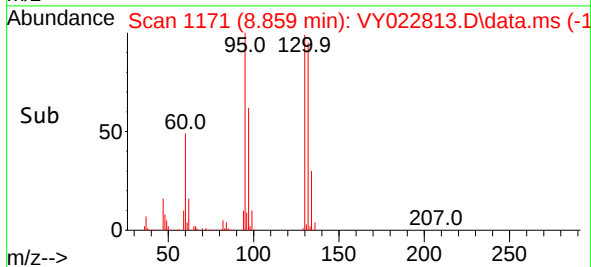
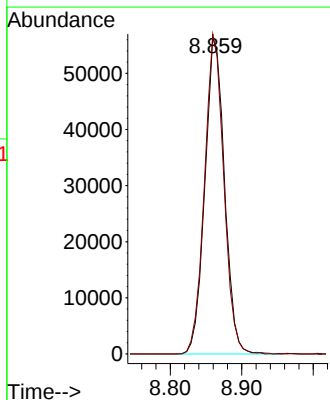
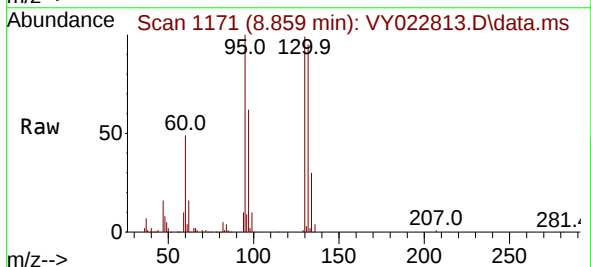
Manual Integrations
APPROVED

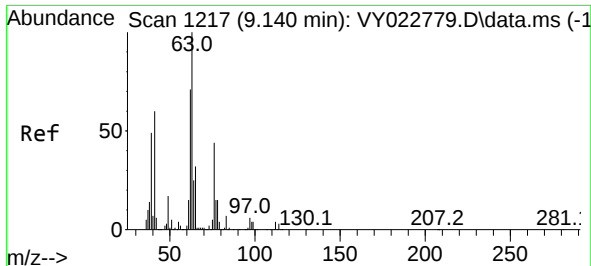
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#44
Trichloroethene
Concen: 20.915 ug/l
RT: 8.859 min Scan# 1171
Delta R.T. -0.006 min
Lab File: VY022813.D
Acq: 25 Jun 2025 10:18

Tgt Ion:130 Resp: 107469
Ion Ratio Lower Upper
130 100
95 101.1 0.0 203.0





#45

1,2-Dichloropropane

Concen: 19.918 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.006 min

Lab File: VY022813.D

Acq: 25 Jun 2025 10:18

Instrument :

MSVOA_Y

ClientSampleId :

VY0625SBS01

Tgt Ion: 63 Resp: 95404

Ion Ratio Lower Upper

63 100

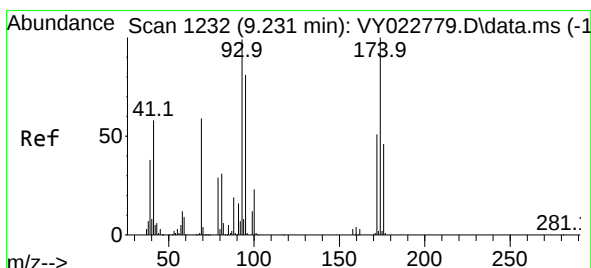
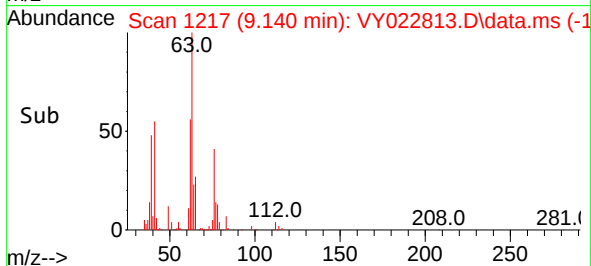
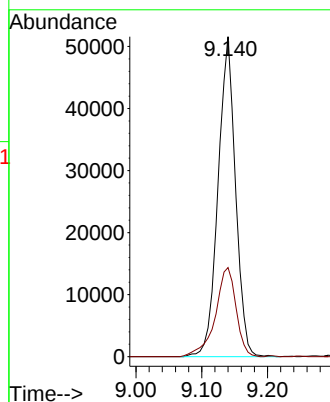
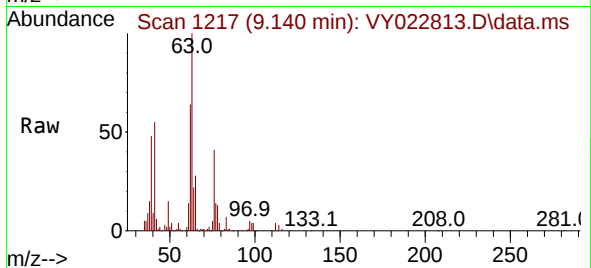
65 27.8 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/26/2025

Supervised By :Semsettin Yesilyurt 06/26/2025



#46

Dibromomethane

Concen: 20.407 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY022813.D

Acq: 25 Jun 2025 10:18

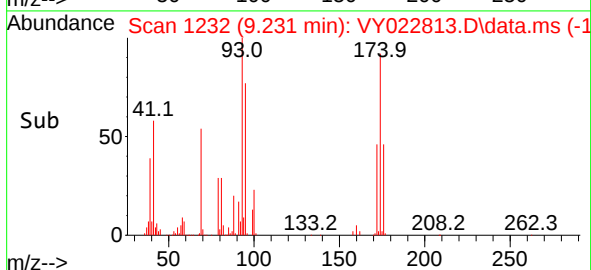
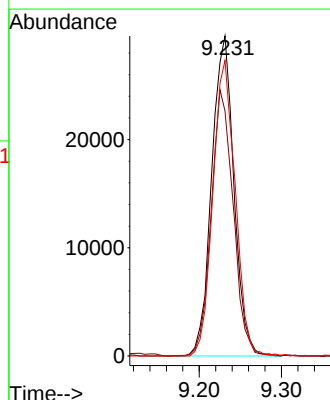
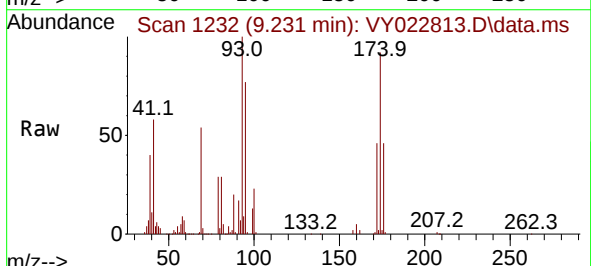
Tgt Ion: 93 Resp: 55489

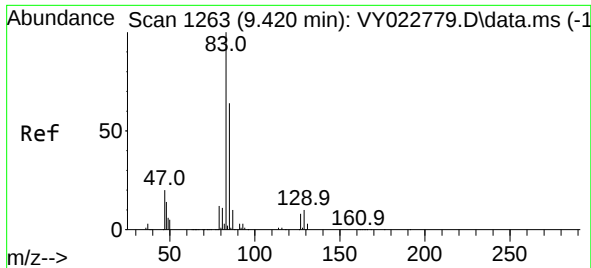
Ion Ratio Lower Upper

93 100

95 82.5 65.6 98.4

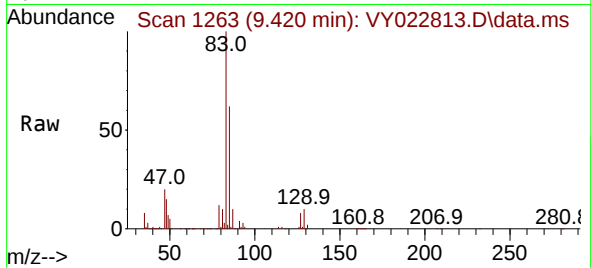
174 92.4 70.4 105.6





#47
Bromodichloromethane
Concen: 20.357 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. -0.006 min
Lab File: VY022813.D
Acq: 25 Jun 2025 10:18

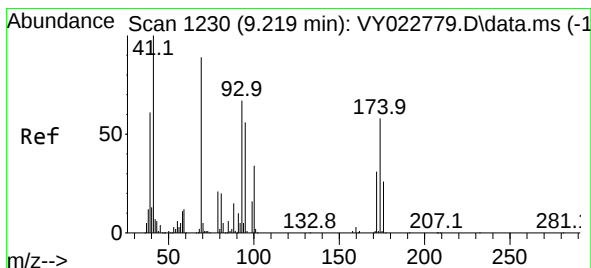
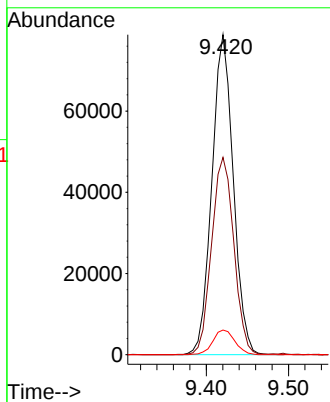
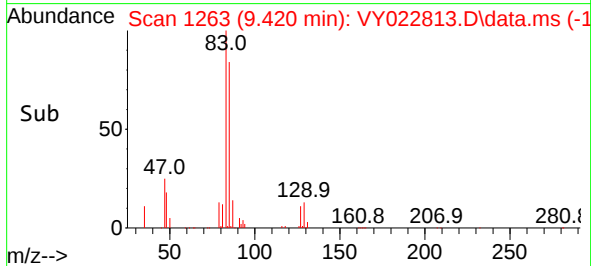
Instrument :
MSVOA_Y
ClientSampleId :
VY0625SBS01



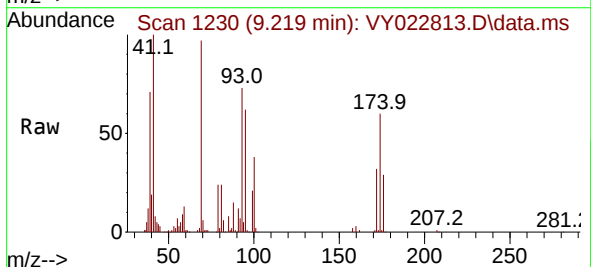
Tgt Ion: 83 Resp: 142732
Ion Ratio Lower Upper
83 100
85 61.5 49.1 73.7
127 7.7 6.2 9.4

Manual Integrations
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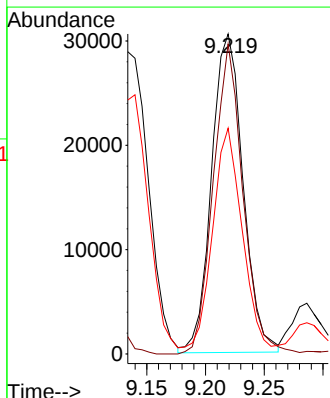
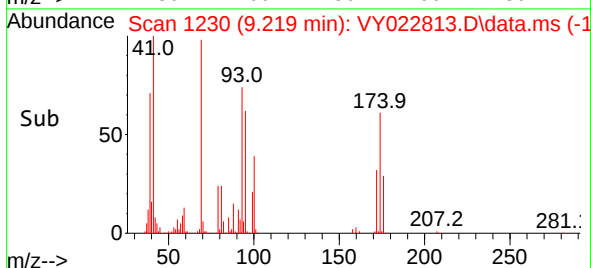
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025

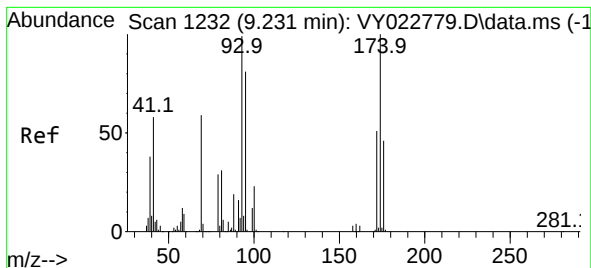


#48
Methyl methacrylate
Concen: 19.842 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.006 min
Lab File: VY022813.D
Acq: 25 Jun 2025 10:18



Tgt Ion: 41 Resp: 56946
Ion Ratio Lower Upper
41 100
69 91.7 67.8 101.8
39 64.1 55.0 82.4





#49

1,4-Dioxane

Concen: 428.799 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.012 min

Lab File: VY022813.D

Acq: 25 Jun 2025 10:18

Instrument :

MSVOA_Y

ClientSampleId :

VY0625SBS01

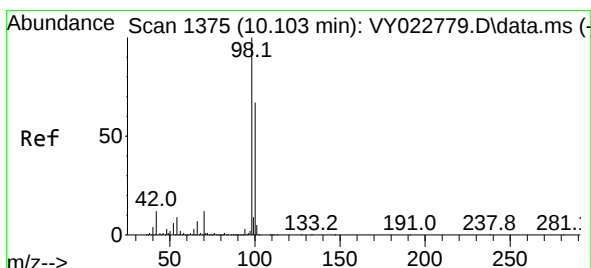
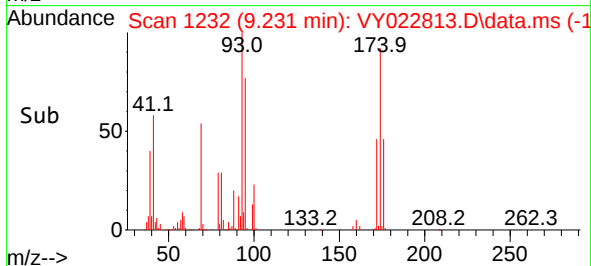
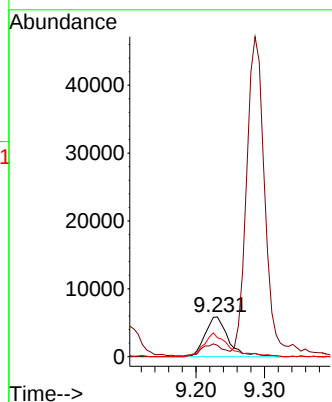
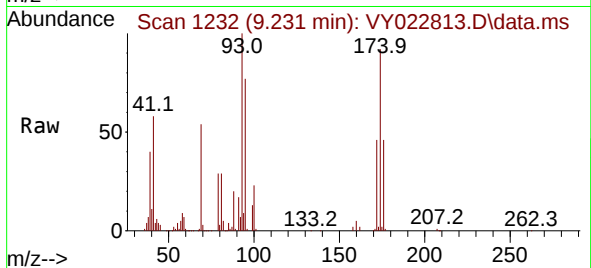
Tgt Ion: 88 Resp: 1377

Ion	Ratio	Lower	Upper
88	100		
43	27.7	25.4	38.2
58	64.3	54.9	82.3

Manual Integrations

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Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#50

Toluene-d8

Concen: 51.092 ug/l

RT: 10.103 min Scan# 1375

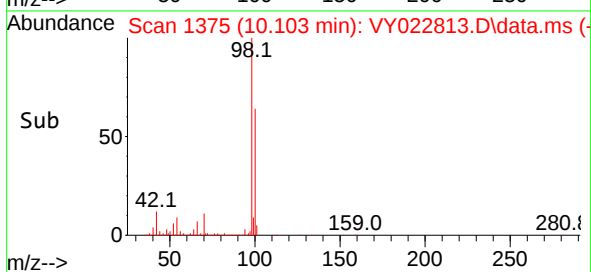
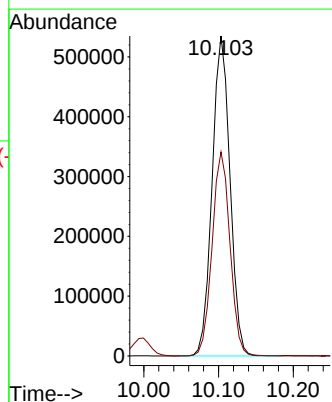
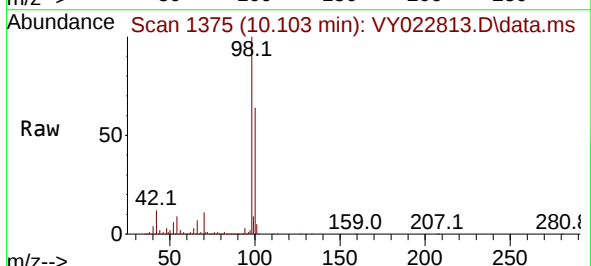
Delta R.T. -0.006 min

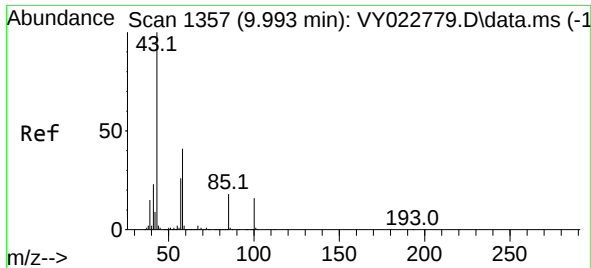
Lab File: VY022813.D

Acq: 25 Jun 2025 10:18

Tgt Ion: 98 Resp: 890330

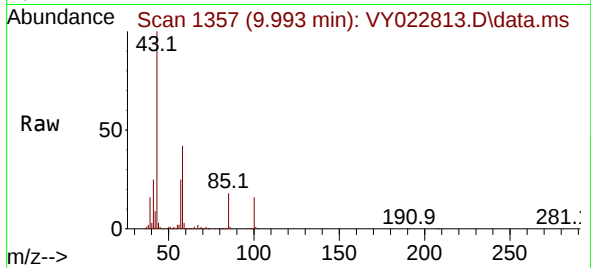
Ion	Ratio	Lower	Upper
98	100		
100	63.6	51.4	77.0





#51
4-Methyl-2-Pentanone
Concen: 102.898 ug/l
RT: 9.993 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022813.D
Acq: 25 Jun 2025 10:18

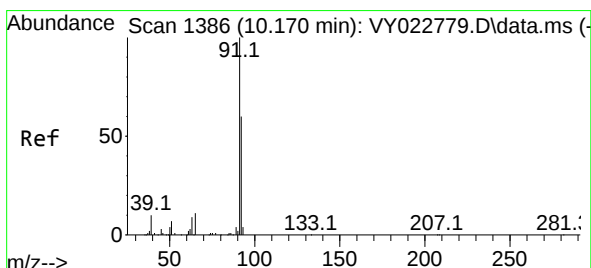
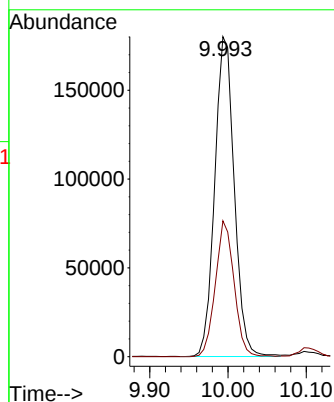
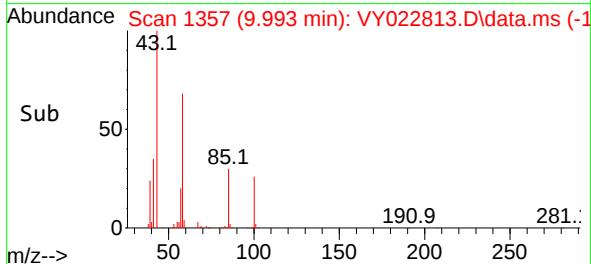
Instrument :
MSVOA_Y
ClientSampleId :
VY0625SBS01



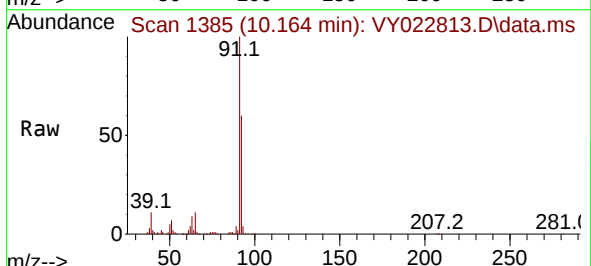
Tgt Ion: 43 Resp: 31216
Ion Ratio Lower Upper
43 100
58 40.7 30.4 45.6

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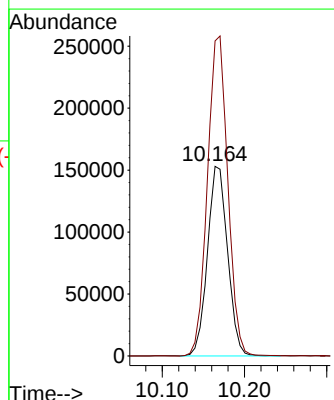
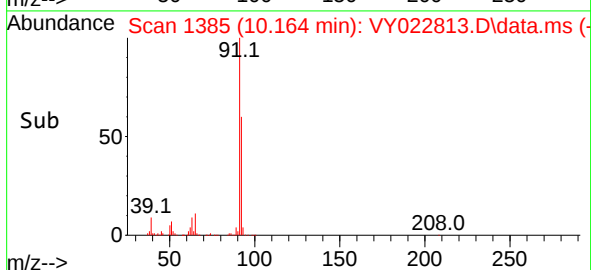
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025

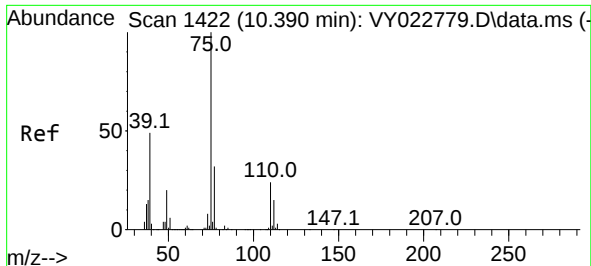


#52
Toluene
Concen: 20.161 ug/l
RT: 10.164 min Scan# 1385
Delta R.T. -0.012 min
Lab File: VY022813.D
Acq: 25 Jun 2025 10:18



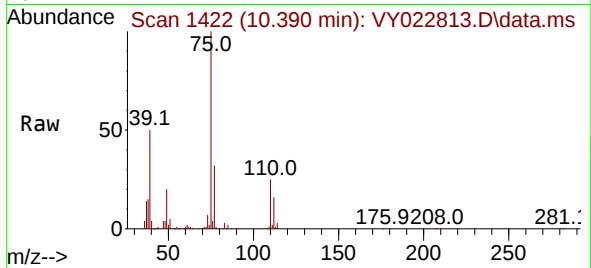
Tgt Ion: 92 Resp: 260309
Ion Ratio Lower Upper
92 100
91 170.7 139.0 208.4





#53
t-1,3-Dichloropropene
Concen: 20.017 ug/l
RT: 10.390 min Scan# 1422
Delta R.T. -0.006 min
Lab File: VY022813.D
Acq: 25 Jun 2025 10:18

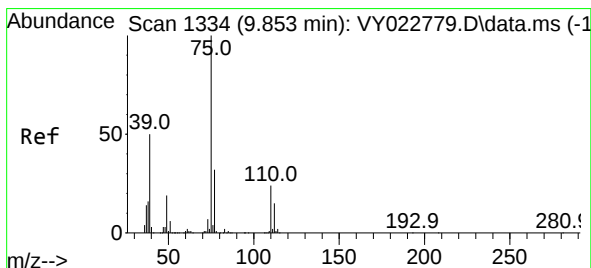
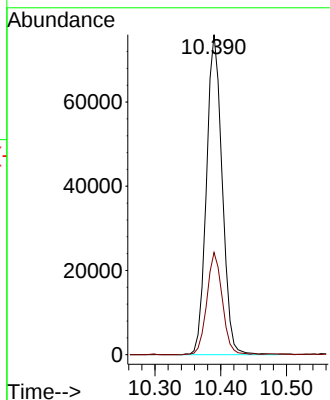
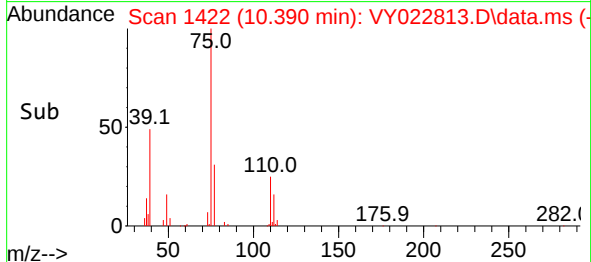
Instrument : MSVOA_Y
ClientSampleId : VY0625SBS01



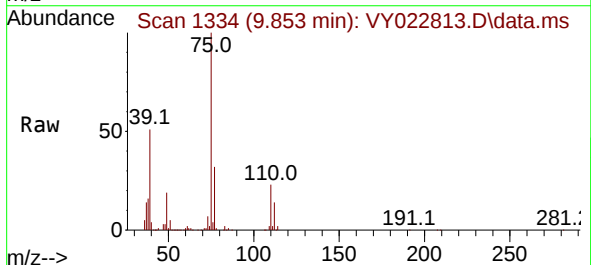
Tgt Ion: 75 Resp: 126270
Ion Ratio Lower Upper
75 100
77 32.0 26.5 39.7

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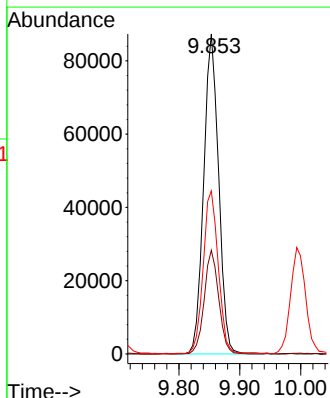
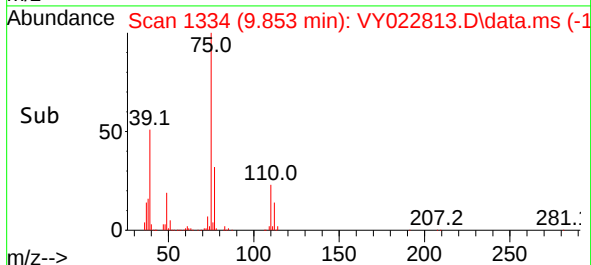
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025

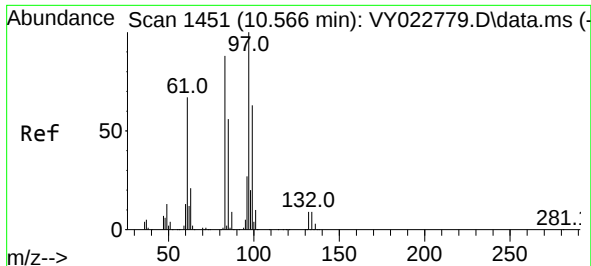


#54
cis-1,3-Dichloropropene
Concen: 20.352 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. -0.006 min
Lab File: VY022813.D
Acq: 25 Jun 2025 10:18



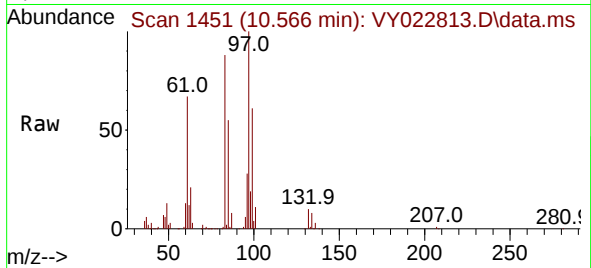
Tgt Ion: 75 Resp: 148869
Ion Ratio Lower Upper
75 100
77 32.4 25.3 37.9
39 50.7 42.7 64.1





#55
1,1,2-Trichloroethane
Concen: 20.479 ug/l
RT: 10.566 min Scan# 1451
Delta R.T. -0.006 min
Lab File: VY022813.D
Acq: 25 Jun 2025 10:18

Instrument : MSVOA_Y
ClientSampleId : VY0625SBS01

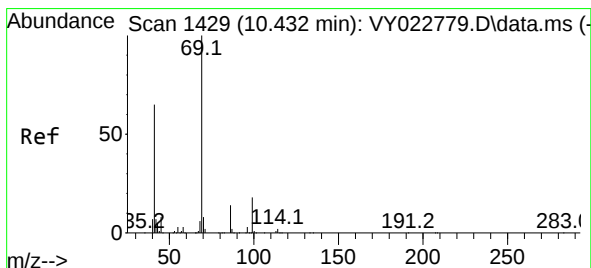
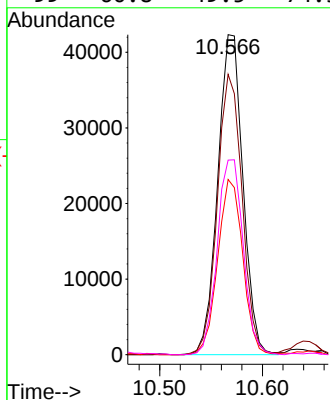
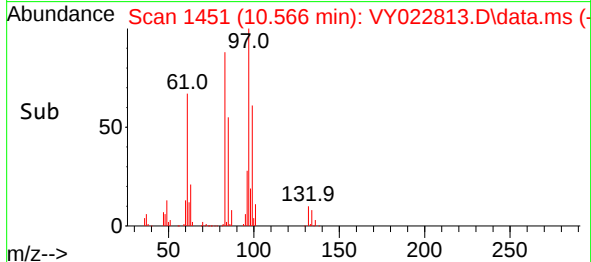


Tgt Ion: 97 Resp: 72100

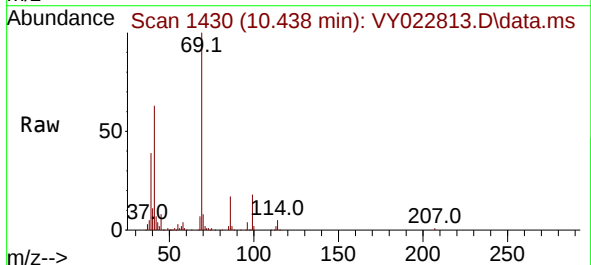
Ion	Ratio	Lower	Upper
97	100		
83	87.6	68.1	102.1
85	54.8	48.2	72.2
99	60.8	49.5	74.3

Manual Integrations
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Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025

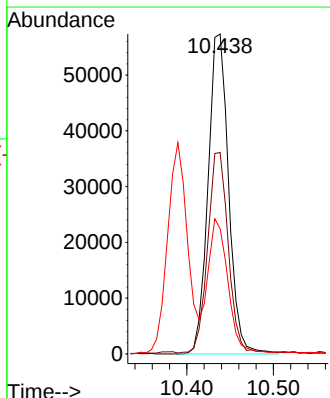
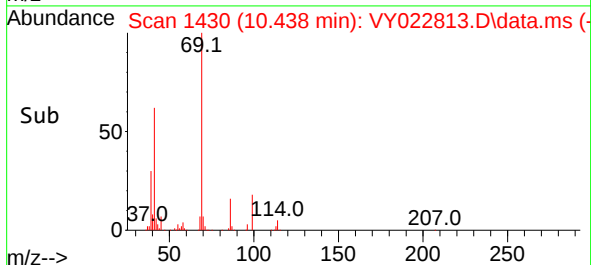


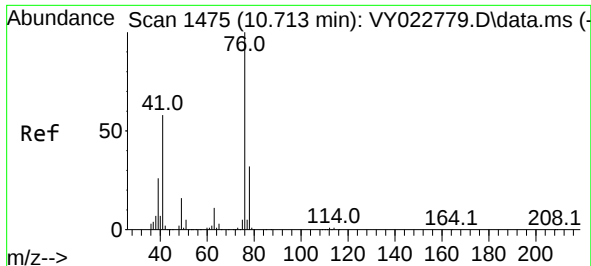
#56
Ethyl methacrylate
Concen: 19.953 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VY022813.D
Acq: 25 Jun 2025 10:18



Tgt Ion: 69 Resp: 94517

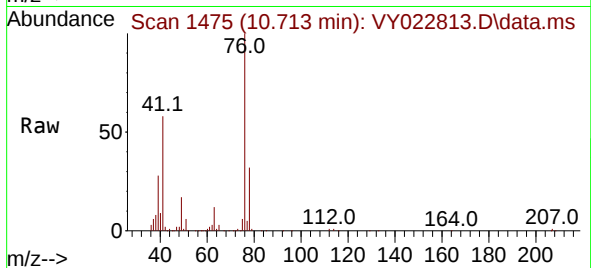
Ion	Ratio	Lower	Upper
69	100		
41	63.0	52.2	78.2
39	40.2	36.7	55.1





#57
1,3-Dichloropropane
Concen: 20.159 ug/l
RT: 10.713 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VY022813.D
Acq: 25 Jun 2025 10:18

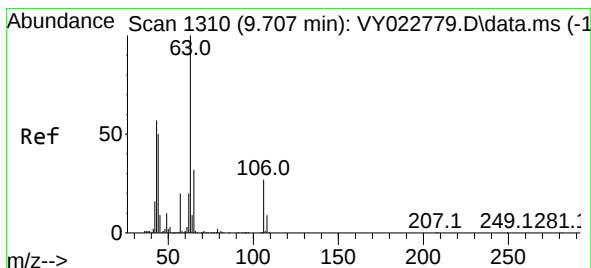
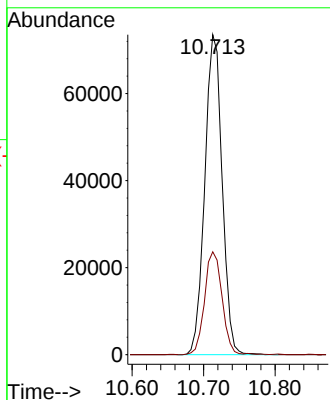
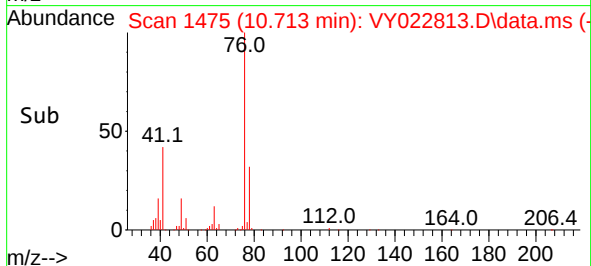
Instrument :
MSVOA_Y
ClientSampleId :
VY0625SBS01



Tgt Ion: 76 Resp: 12383
Ion Ratio Lower Upper
76 100
78 32.6 25.8 38.8

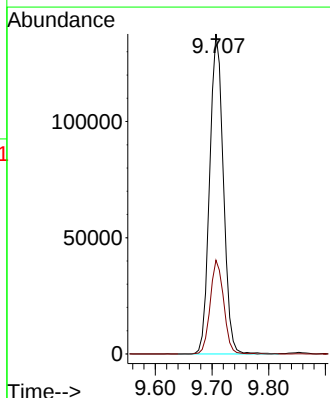
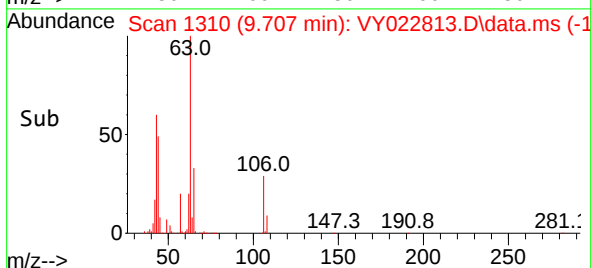
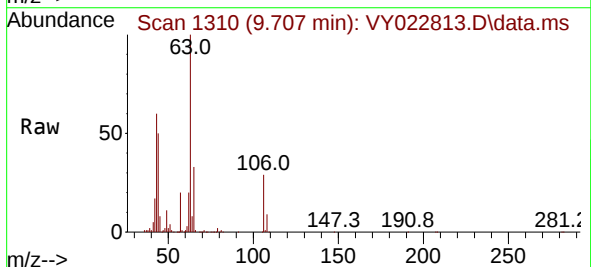
Manual Integrations
APPROVED

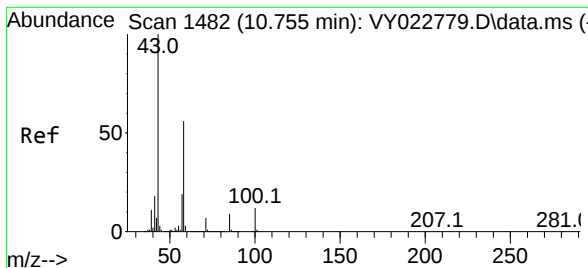
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#58
2-Chloroethyl Vinyl ether
Concen: 102.647 ug/l
RT: 9.707 min Scan# 1310
Delta R.T. -0.006 min
Lab File: VY022813.D
Acq: 25 Jun 2025 10:18

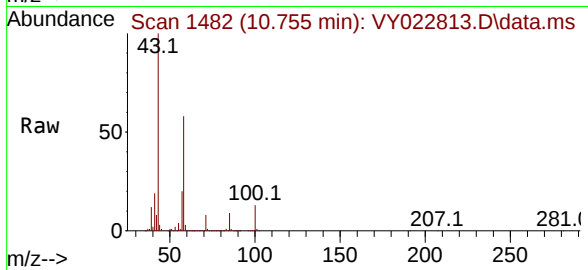
Tgt Ion: 63 Resp: 231051
Ion Ratio Lower Upper
63 100
106 28.9 21.6 32.4





#59
2-Hexanone
Concen: 109.161 ug/l
RT: 10.755 min Scan# 1482
Delta R.T. -0.006 min
Lab File: VY022813.D
Acq: 25 Jun 2025 10:18

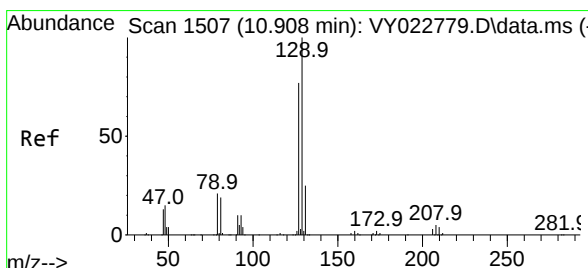
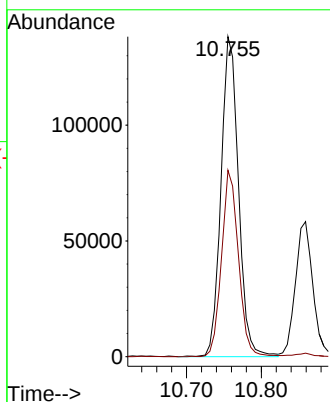
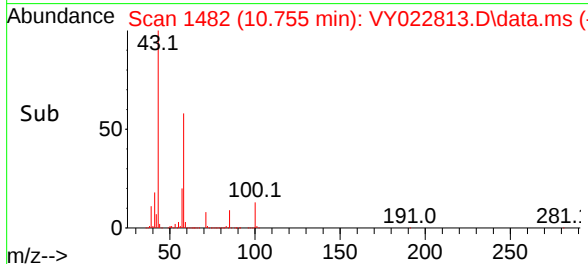
Instrument :
MSVOA_Y
ClientSampleId :
VY0625SBS01



Tgt Ion: 43 Resp: 225152
Ion Ratio Lower Upper
43 100
58 56.4 27.3 81.8

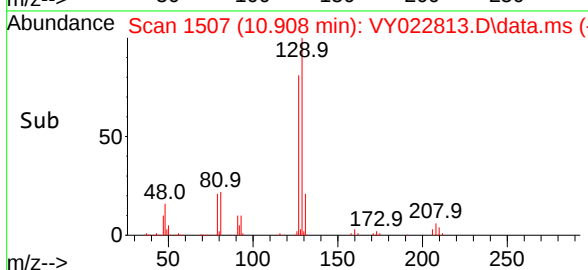
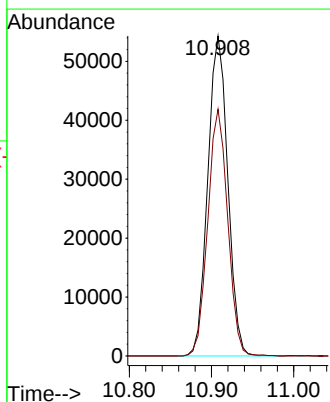
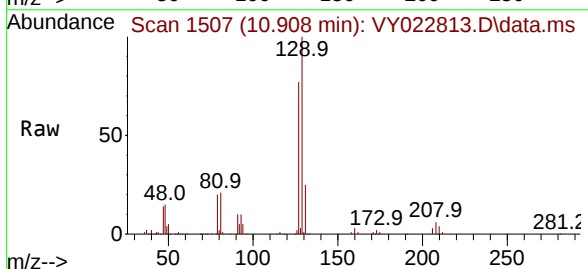
Manual Integrations
APPROVED

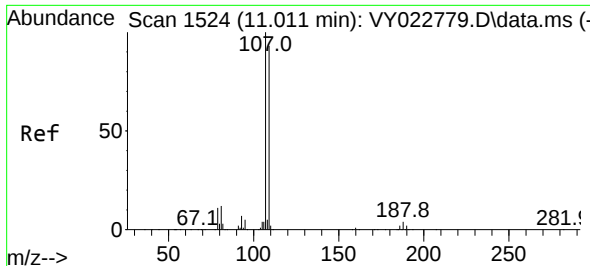
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#60
Dibromochloromethane
Concen: 20.211 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.006 min
Lab File: VY022813.D
Acq: 25 Jun 2025 10:18

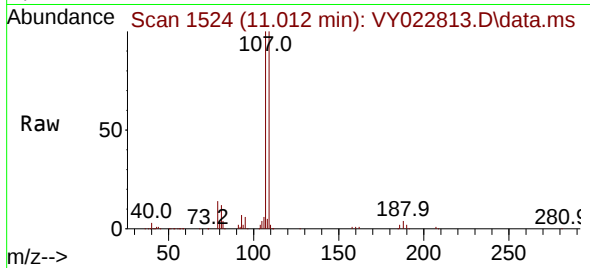
Tgt Ion:129 Resp: 91915
Ion Ratio Lower Upper
129 100
127 76.9 39.1 117.2





#61
1,2-Dibromoethane
Concen: 19.856 ug/l
RT: 11.012 min Scan# 1524
Delta R.T. -0.006 min
Lab File: VY022813.D
Acq: 25 Jun 2025 10:18

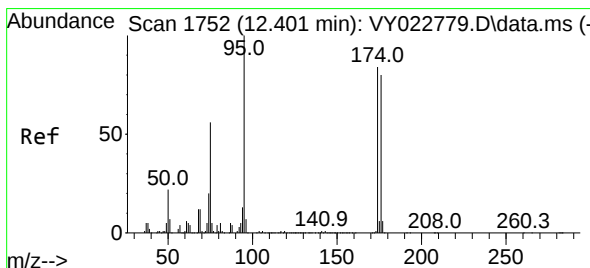
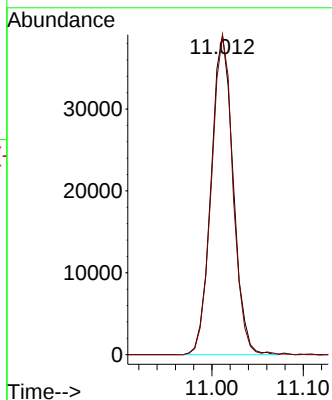
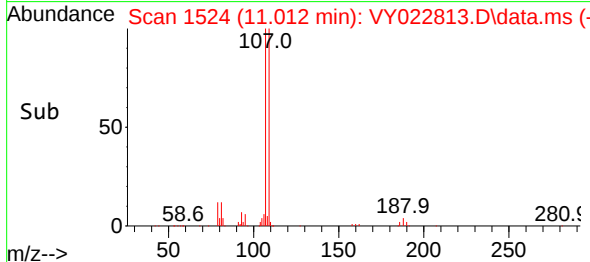
Instrument :
MSVOA_Y
ClientSampleId :
VY0625SBS01



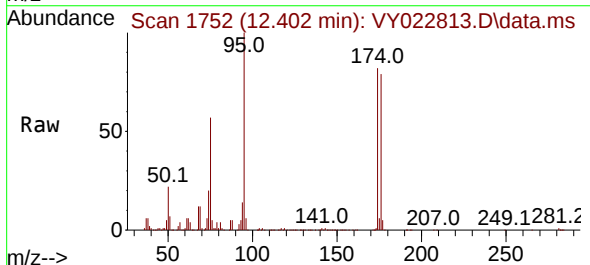
Tgt Ion:107 Resp: 6542
Ion Ratio Lower Upper
107 100
109 97.6 77.7 116.5

Manual Integrations
APPROVED

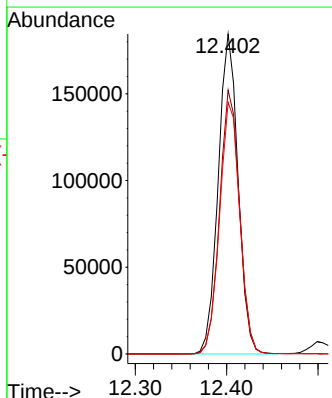
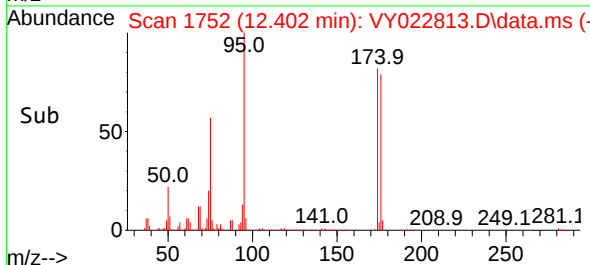
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025

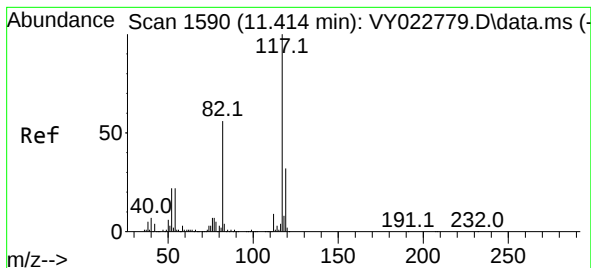


#62
4-Bromofluorobenzene
Concen: 49.686 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022813.D
Acq: 25 Jun 2025 10:18



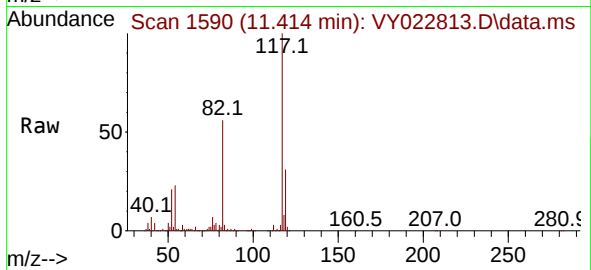
Tgt Ion: 95 Resp: 278337
Ion Ratio Lower Upper
95 100
174 83.1 0.0 170.0
176 80.3 0.0 166.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022813.D
Acq: 25 Jun 2025 10:18

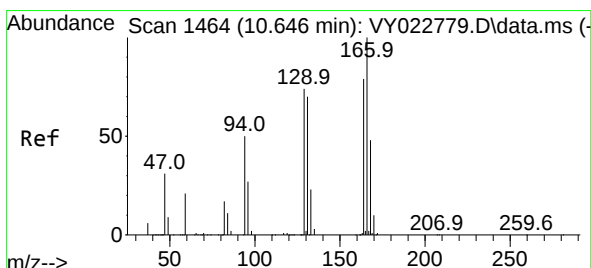
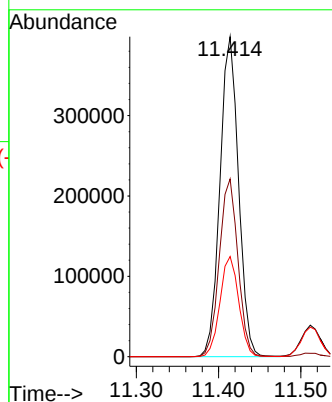
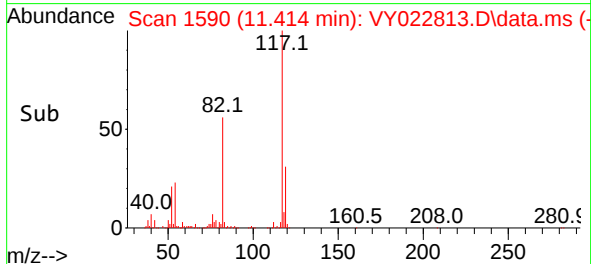
Instrument :
MSVOA_Y
ClientSampleId :
VY0625SBS01



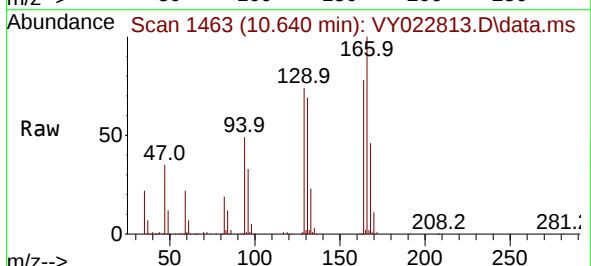
Tgt Ion:117 Resp: 625210
Ion Ratio Lower Upper
117 100
82 55.6 44.6 66.8
119 31.3 25.4 38.0

Manual Integrations
APPROVED

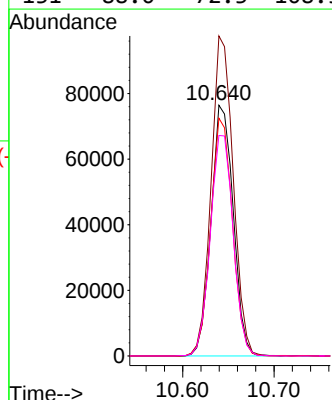
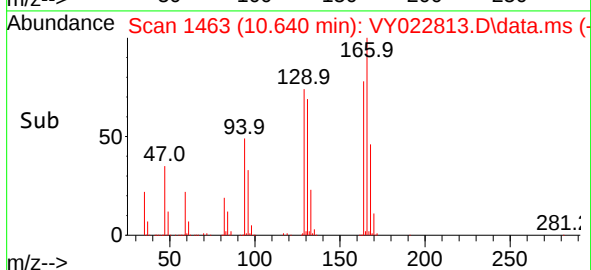
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025

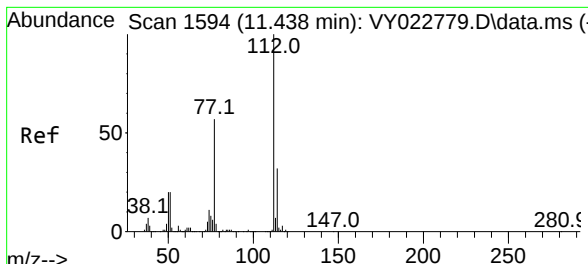


#64
Tetrachloroethene
Concen: 21.806 ug/l
RT: 10.640 min Scan# 1463
Delta R.T. -0.012 min
Lab File: VY022813.D
Acq: 25 Jun 2025 10:18



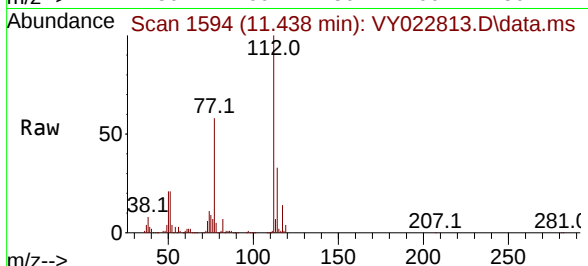
Tgt Ion:164 Resp: 128793
Ion Ratio Lower Upper
164 100
166 127.7 104.0 156.0
129 94.9 74.5 111.7
131 88.0 72.3 108.5





#65
Chlorobenzene
Concen: 19.934 ug/l
RT: 11.438 min Scan# 11594
Delta R.T. -0.006 min
Lab File: VY022813.D
Acq: 25 Jun 2025 10:18

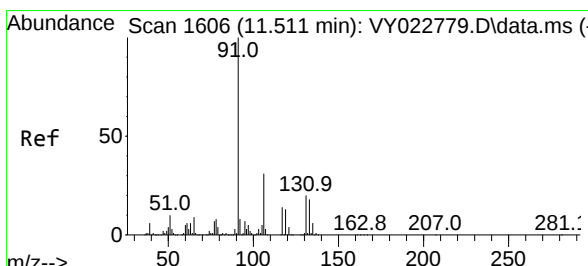
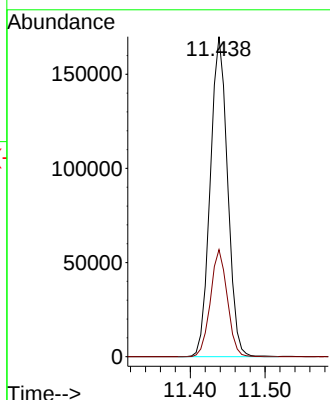
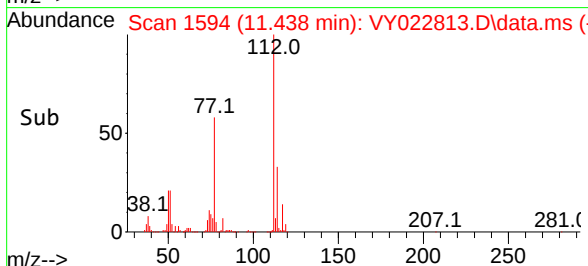
Instrument : MSVOA_Y
ClientSampleId : VY0625SBS01



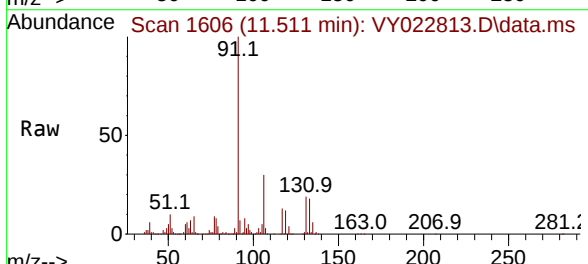
Tgt Ion:112 Resp: 273850
Ion Ratio Lower Upper
112 100
114 33.5 25.0 37.6

Manual Integrations
APPROVED

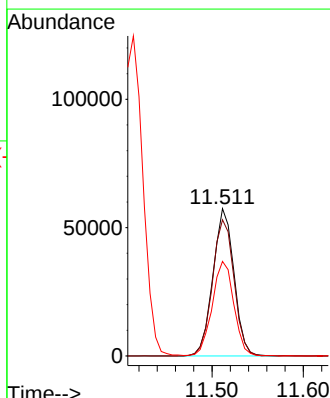
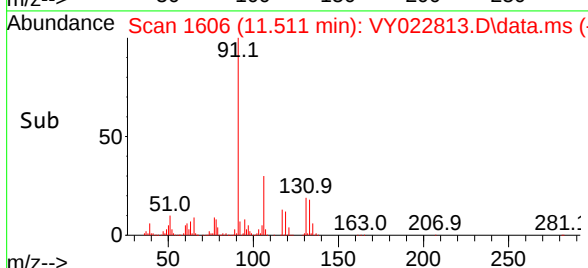
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025

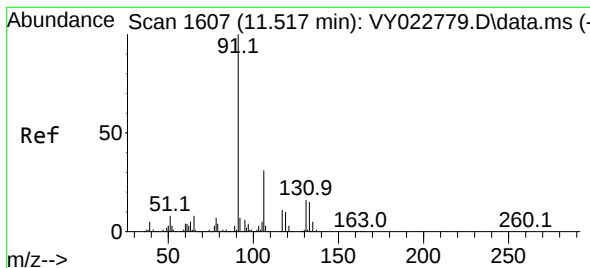


#66
1,1,1,2-Tetrachloroethane
Concen: 19.740 ug/l
RT: 11.511 min Scan# 1606
Delta R.T. -0.006 min
Lab File: VY022813.D
Acq: 25 Jun 2025 10:18



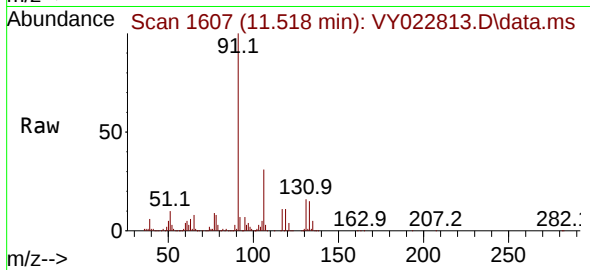
Tgt Ion:131 Resp: 91854
Ion Ratio Lower Upper
131 100
133 95.2 47.3 141.8
119 65.9 33.1 99.3





#67
Ethyl Benzene
Concen: 20.071 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022813.D
Acq: 25 Jun 2025 10:18

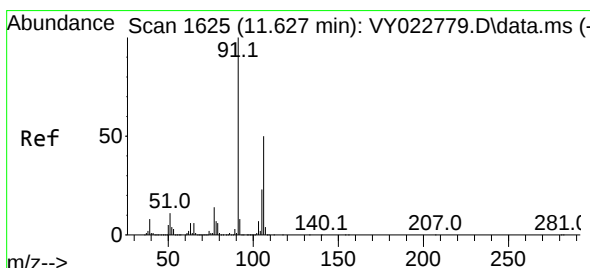
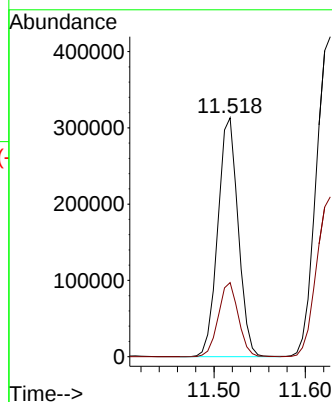
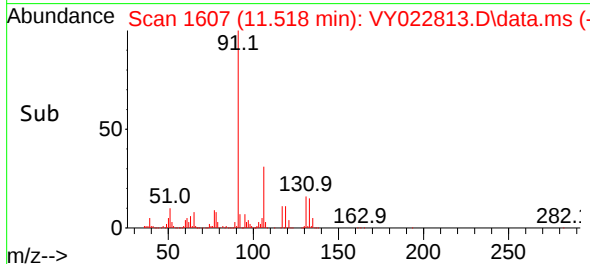
Instrument :
MSVOA_Y
ClientSampleId :
VY0625SBS01



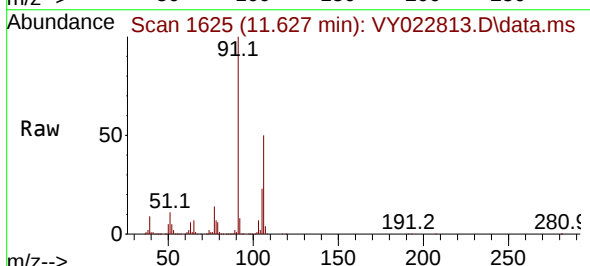
Tgt Ion: 91 Resp: 484458
Ion Ratio Lower Upper
91 100
106 31.1 24.2 36.4

Manual Integrations
APPROVED

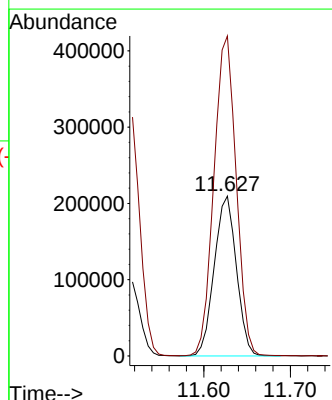
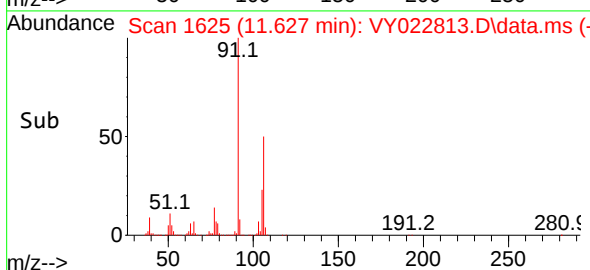
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025

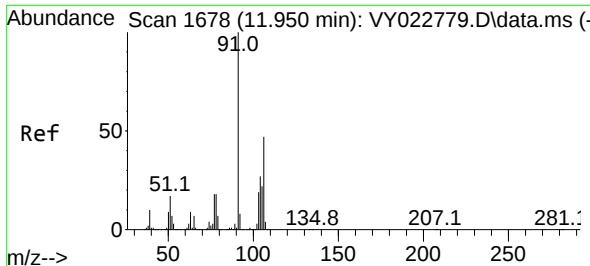


#68
m/p-Xylenes
Concen: 39.820 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.006 min
Lab File: VY022813.D
Acq: 25 Jun 2025 10:18



Tgt Ion:106 Resp: 371550
Ion Ratio Lower Upper
106 100
91 201.7 159.4 239.0





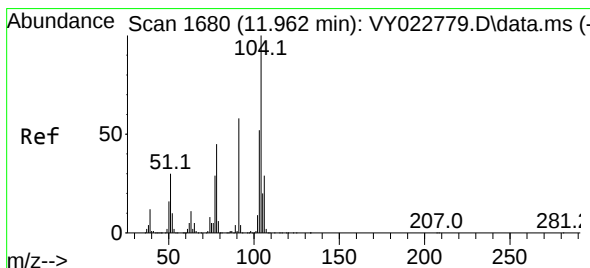
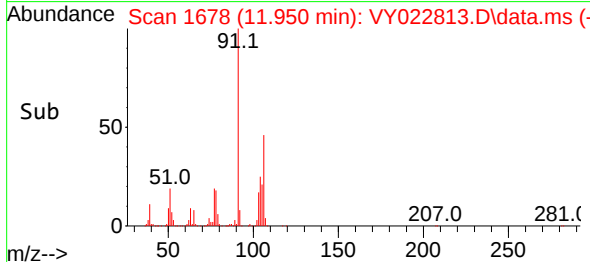
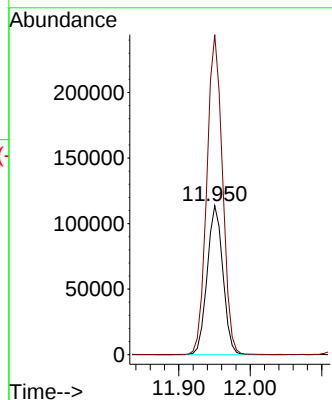
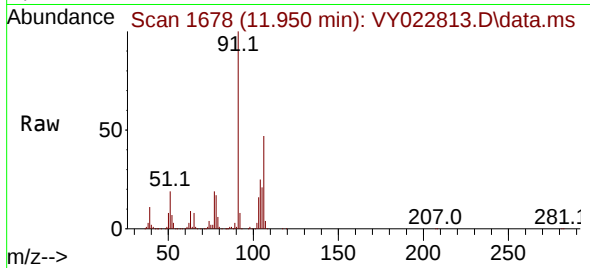
#69
o-Xylene
Concen: 19.717 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. -0.006 min
Lab File: VY022813.D
Acq: 25 Jun 2025 10:18

Instrument :
MSVOA_Y
ClientSampleId :
VY0625SBS01

Tgt Ion:106 Resp: 17335
Ion Ratio Lower Upper
106 100
91 215.1 105.8 317.3

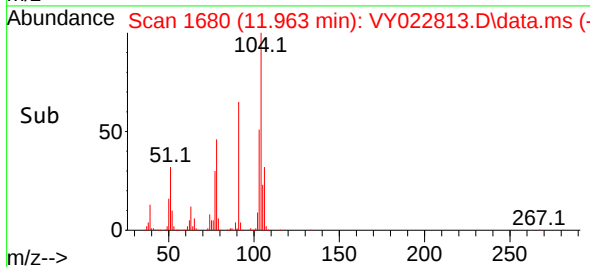
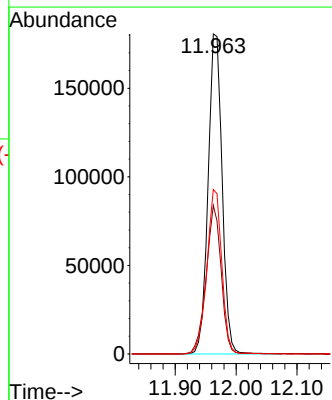
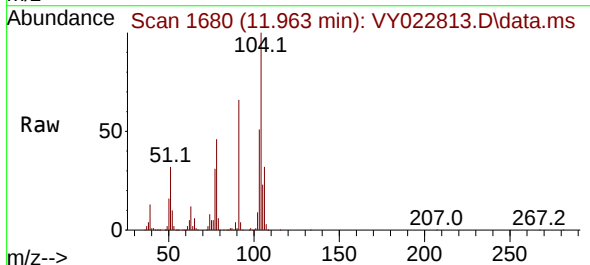
Manual Integrations
APPROVED

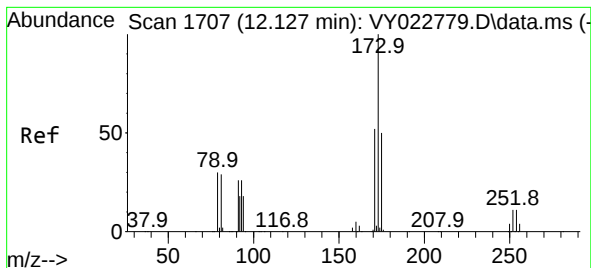
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#70
Styrene
Concen: 19.615 ug/l
RT: 11.963 min Scan# 1680
Delta R.T. -0.006 min
Lab File: VY022813.D
Acq: 25 Jun 2025 10:18

Tgt Ion:104 Resp: 288868
Ion Ratio Lower Upper
104 100
78 50.0 39.5 59.3
103 54.8 44.1 66.1





#71

Bromoform

Concen: 19.488 ug/l

RT: 12.127 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022813.D

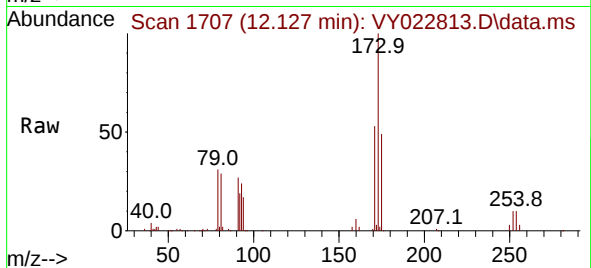
Acq: 25 Jun 2025 10:18

Instrument :

MSVOA_Y

ClientSampleId :

VY0625SBS01



Tgt Ion:173 Resp: 50492

Ion Ratio Lower Upper

173 100

175 49.1 23.8 71.5

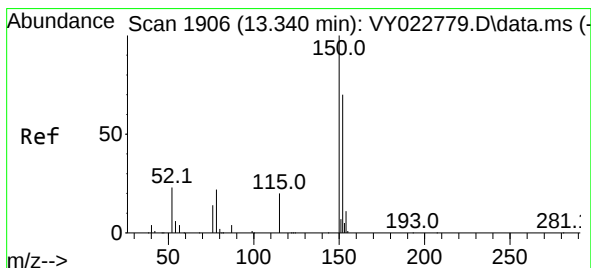
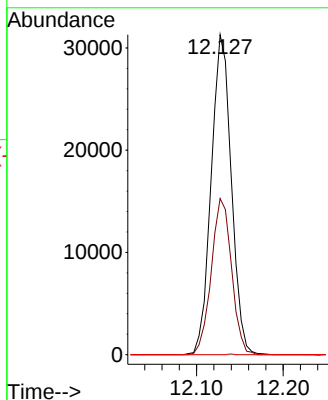
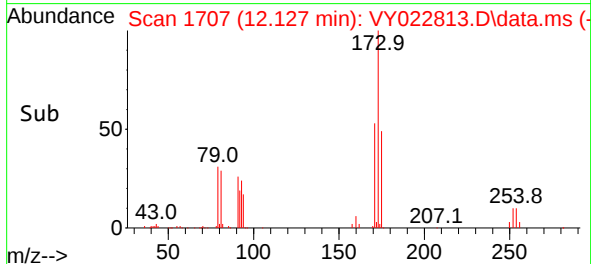
254 0.1 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/26/2025

Supervised By :Semsettin Yesilyurt 06/26/2025



#72

1,4-Dichlorobenzene-d4

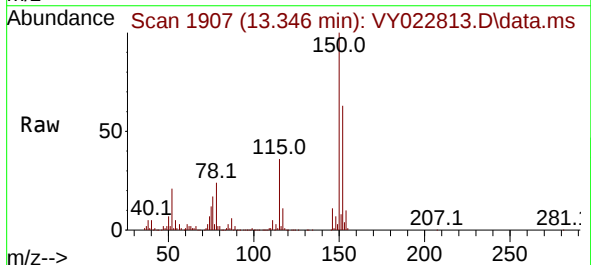
Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY022813.D

Acq: 25 Jun 2025 10:18



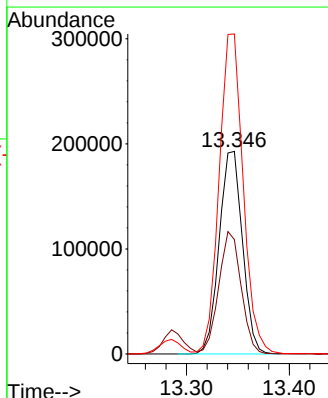
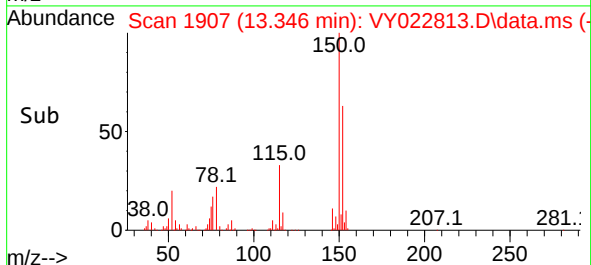
Tgt Ion:152 Resp: 303331

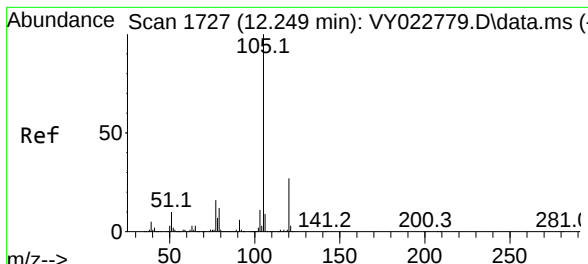
Ion Ratio Lower Upper

152 100

115 58.2 28.9 86.7

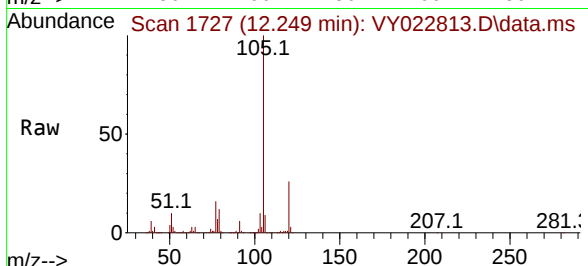
150 163.2 0.0 349.6





#73
Isopropylbenzene
Concen: 20.261 ug/l
RT: 12.249 min Scan# 1727
Delta R.T. -0.006 min
Lab File: VY022813.D
Acq: 25 Jun 2025 10:18

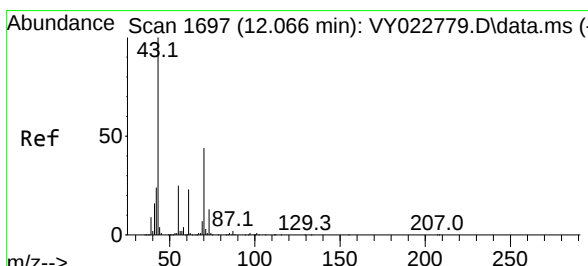
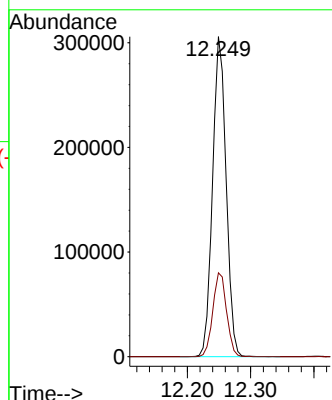
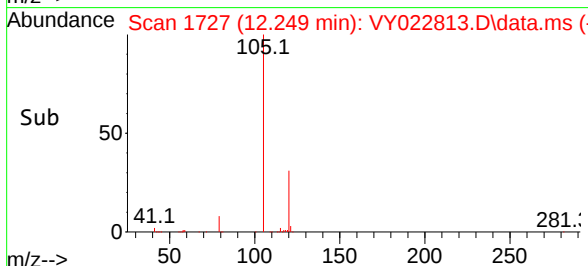
Instrument :
MSVOA_Y
ClientSampleId :
VY0625SBS01



Tgt Ion:105 Resp: 454532
Ion Ratio Lower Upper
105 100
120 26.6 13.0 38.9

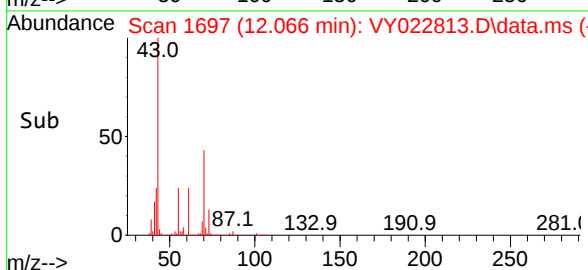
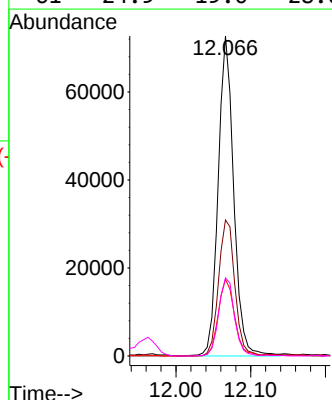
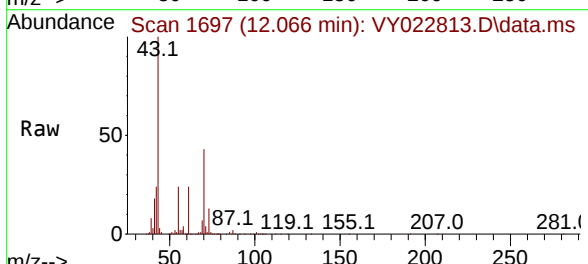
Manual Integrations
APPROVED

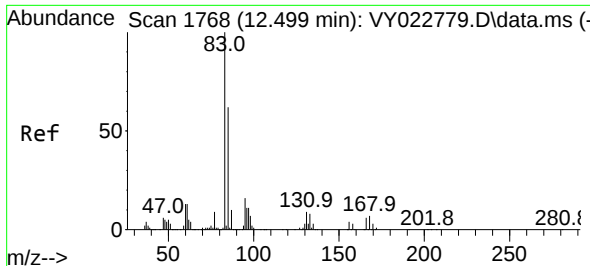
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#74
N-ethyl acetate
Concen: 20.947 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VY022813.D
Acq: 25 Jun 2025 10:18

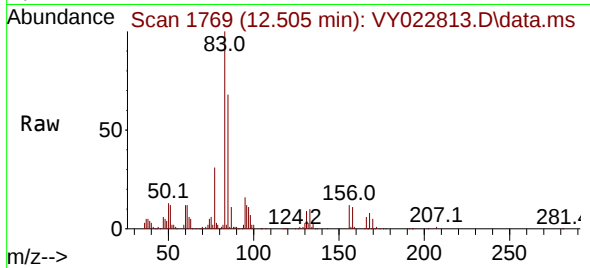
Tgt Ion: 43 Resp: 105475
Ion Ratio Lower Upper
43 100
70 44.5 34.2 51.2
55 25.0 18.2 27.4
61 24.9 19.0 28.6





#75
1,1,2,2-Tetrachloroethane
Concen: 18.978 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY022813.D
Acq: 25 Jun 2025 10:18

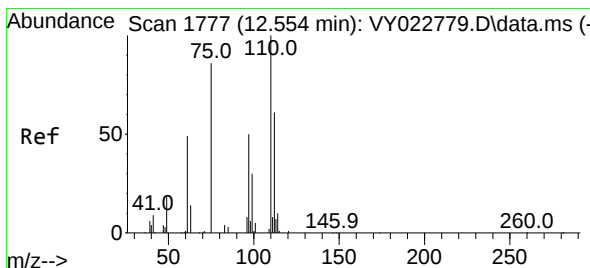
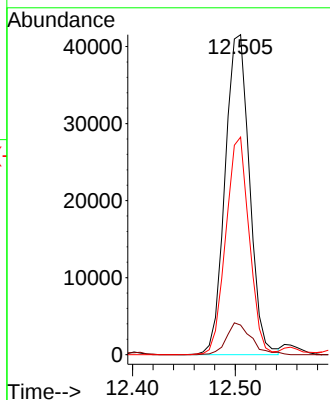
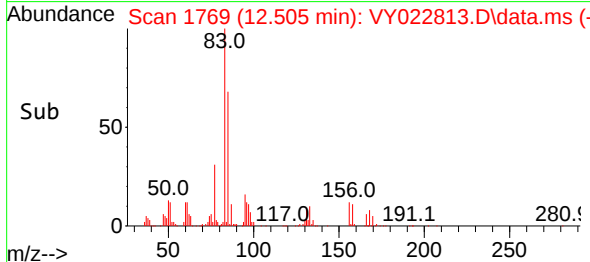
Instrument :
MSVOA_Y
ClientSampleId :
VY0625SBS01



Tgt Ion: 83 Resp: 68614
Ion Ratio Lower Upper
83 100
131 10.1 4.9 14.7
85 65.1 32.6 97.8

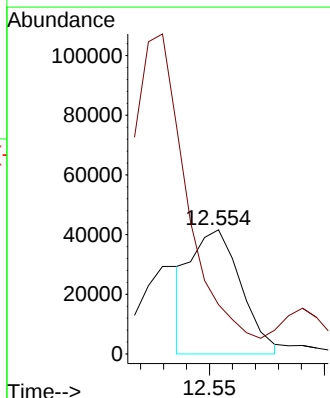
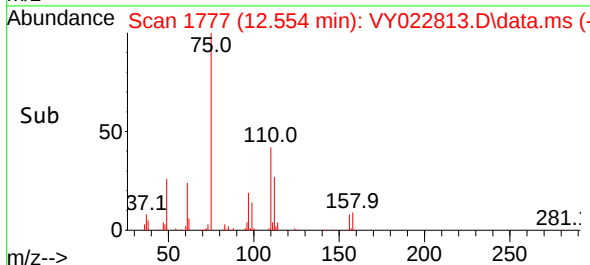
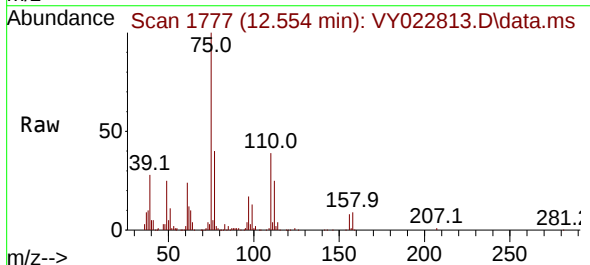
Manual Integrations
APPROVED

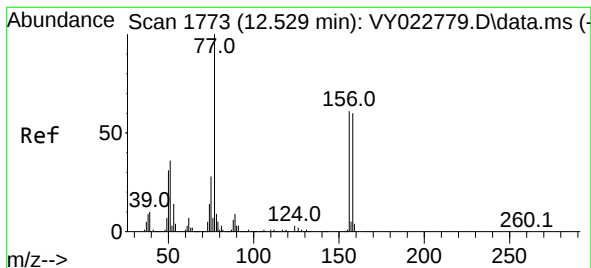
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#76
1,2,3-Trichloropropane
Concen: 20.319 ug/l m
RT: 12.554 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VY022813.D
Acq: 25 Jun 2025 10:18

Tgt Ion: 75 Resp: 62922
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.113 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY022813.D

Acq: 25 Jun 2025 10:18

Instrument :

MSVOA_Y

ClientSampleId :

VY0625SBS01

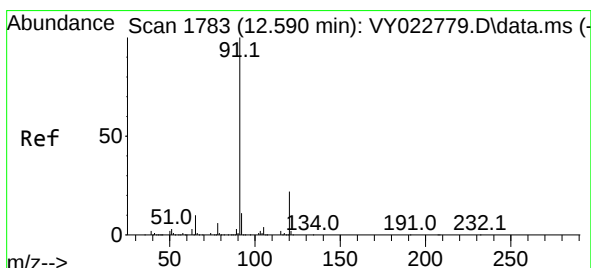
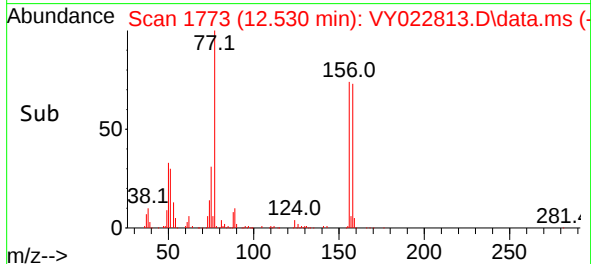
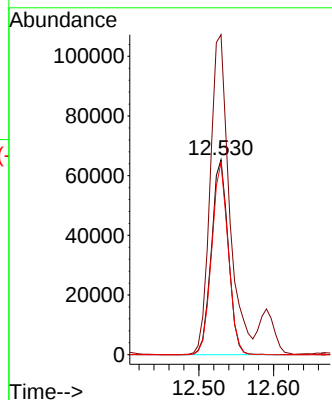
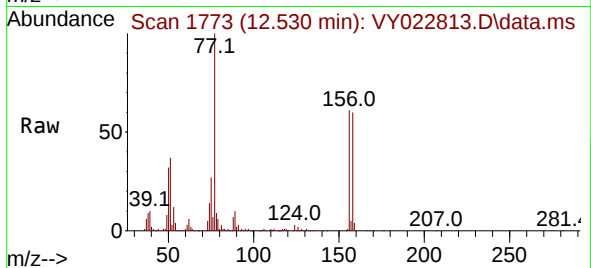
Tgt Ion:156 Resp: 10227

Ion	Ratio	Lower	Upper
156	100		
77	186.9	94.0	282.1
158	96.5	48.2	144.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#78

n-propylbenzene

Concen: 20.466 ug/l

RT: 12.590 min Scan# 1783

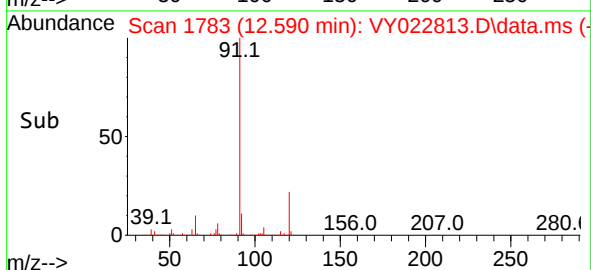
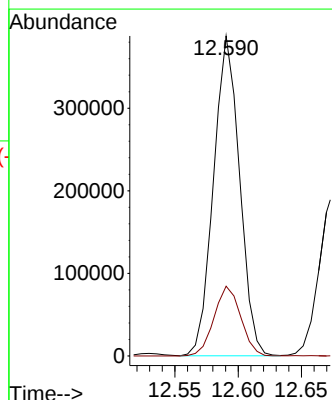
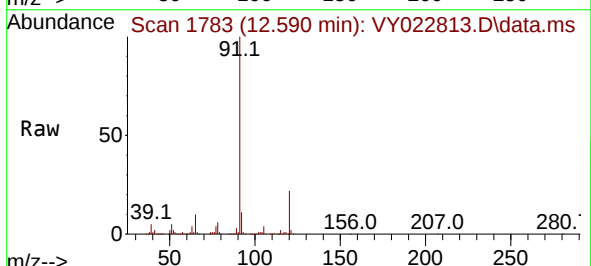
Delta R.T. -0.006 min

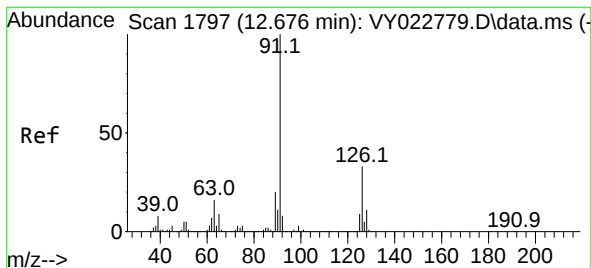
Lab File: VY022813.D

Acq: 25 Jun 2025 10:18

Tgt Ion: 91 Resp: 554312

Ion	Ratio	Lower	Upper
91	100		
120	22.4	10.8	32.4





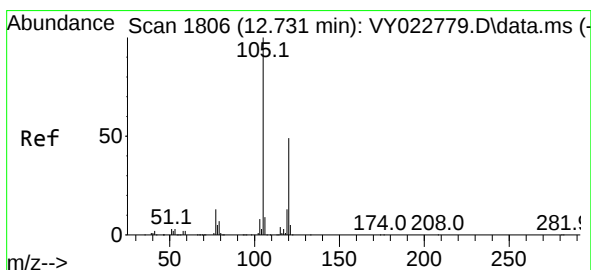
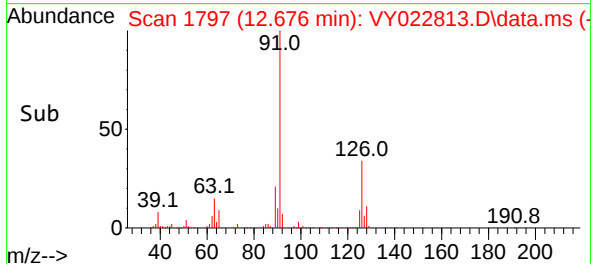
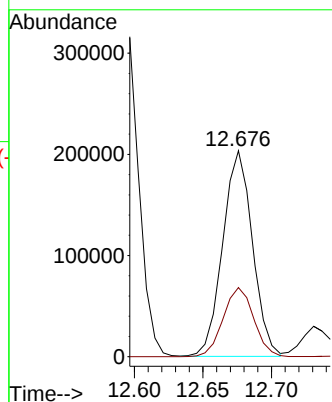
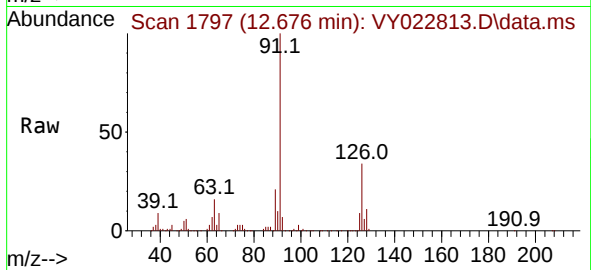
#79
2-Chlorotoluene
Concen: 20.098 ug/l
RT: 12.676 min Scan# 1797
Delta R.T. -0.006 min
Lab File: VY022813.D
Acq: 25 Jun 2025 10:18

Instrument :
MSVOA_Y
ClientSampleId :
VY0625SBS01

Tgt Ion: 91 Resp: 307549
Ion Ratio Lower Upper
91 100
126 34.5 17.0 51.0

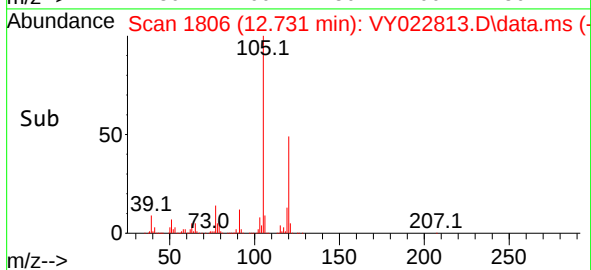
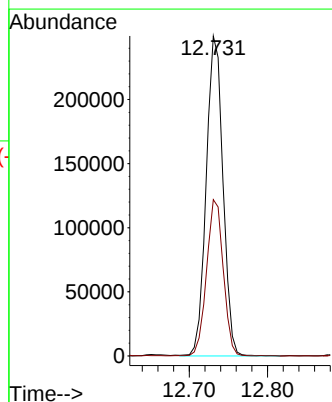
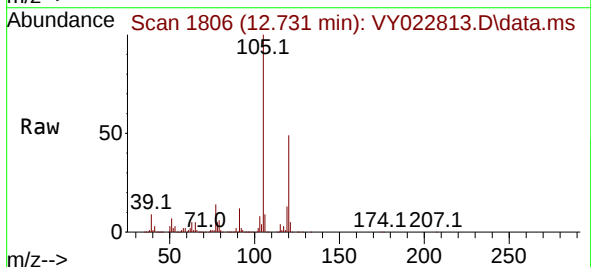
Manual Integrations
APPROVED

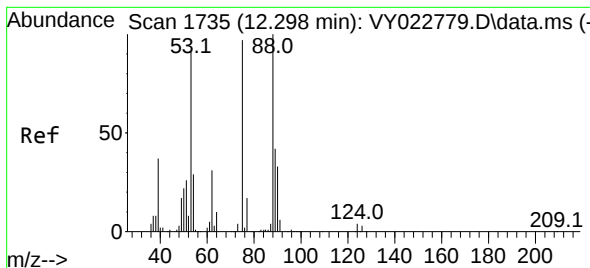
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#80
1,3,5-Trimethylbenzene
Concen: 20.394 ug/l
RT: 12.731 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VY022813.D
Acq: 25 Jun 2025 10:18

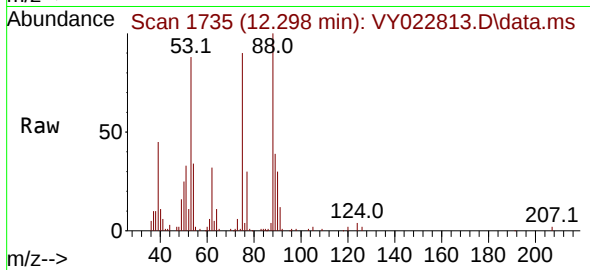
Tgt Ion:105 Resp: 369334
Ion Ratio Lower Upper
105 100
120 48.6 24.1 72.4





#81
trans-1,4-Dichloro-2-butene
Concen: 20.011 ug/l
RT: 12.298 min Scan# 1735
Delta R.T. -0.006 min
Lab File: VY022813.D
Acq: 25 Jun 2025 10:18

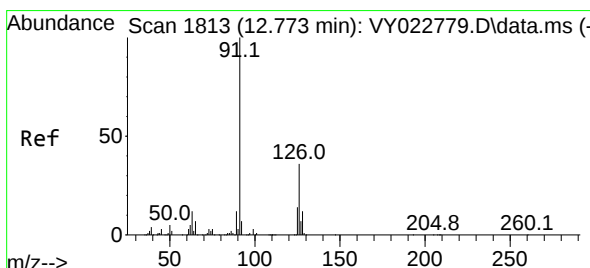
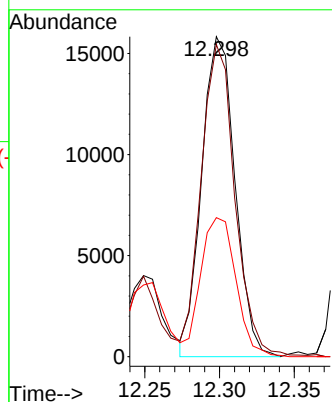
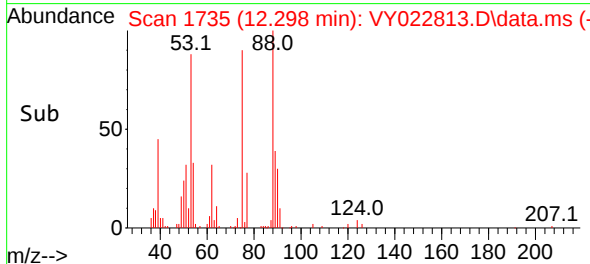
Instrument : MSVOA_Y
ClientSampleId : VY0625SBS01



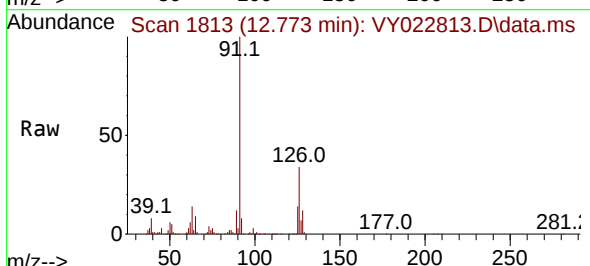
Tgt Ion: 75 Resp: 24529
Ion Ratio Lower Upper
75 100
53 99.2 78.5 117.7
89 46.2 35.7 53.5

Manual Integrations
APPROVED

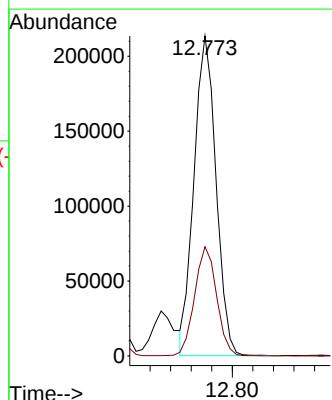
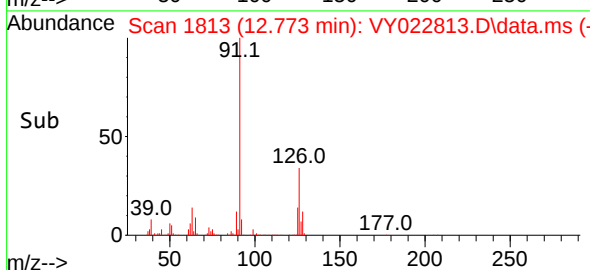
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025

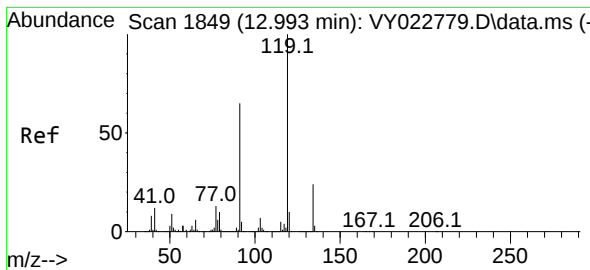


#82
4-Chlorotoluene
Concen: 19.731 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.006 min
Lab File: VY022813.D
Acq: 25 Jun 2025 10:18



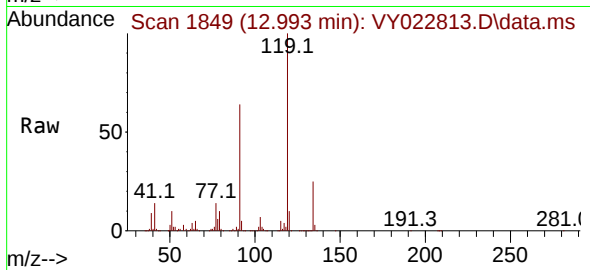
Tgt Ion: 91 Resp: 317157
Ion Ratio Lower Upper
91 100
126 34.3 17.0 50.9





#83
tert-Butylbenzene
Concen: 20.806 ug/l
RT: 12.993 min Scan# 1849
Delta R.T. -0.006 min
Lab File: VY022813.D
Acq: 25 Jun 2025 10:18

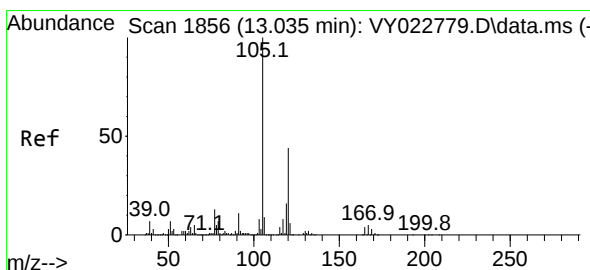
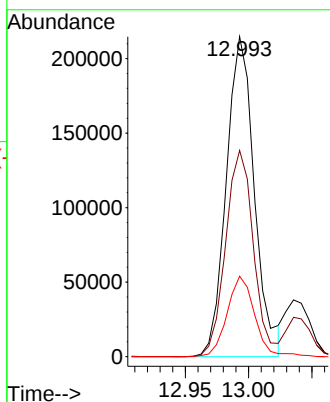
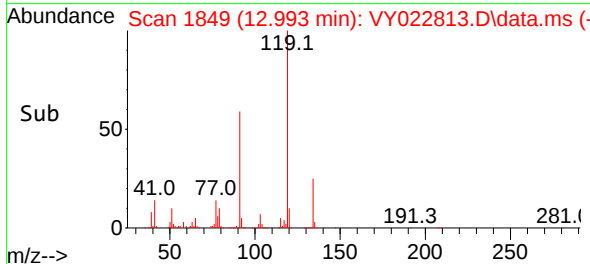
Instrument : MSVOA_Y
ClientSampleId : VY0625SBS01



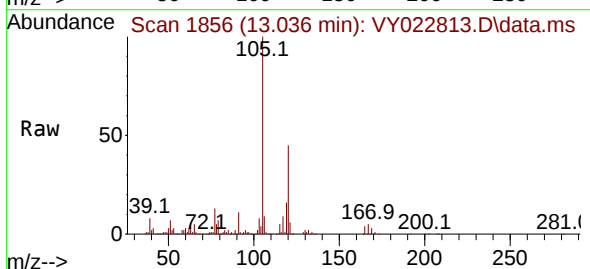
Tgt Ion:119 Resp: 332288
Ion Ratio Lower Upper
119 100
91 63.9 32.1 96.3
134 24.7 13.0 38.9

Manual Integrations
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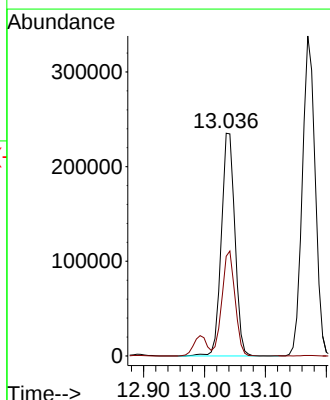
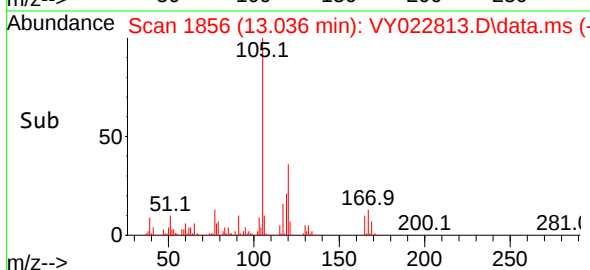
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025

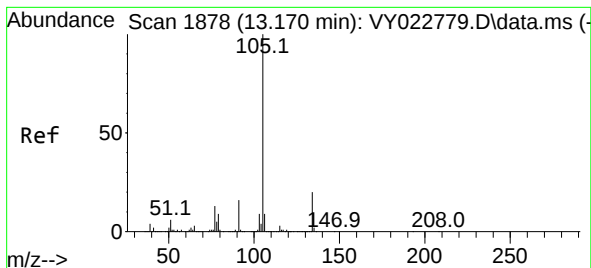


#84
1,2,4-Trimethylbenzene
Concen: 20.013 ug/l
RT: 13.036 min Scan# 1856
Delta R.T. -0.006 min
Lab File: VY022813.D
Acq: 25 Jun 2025 10:18



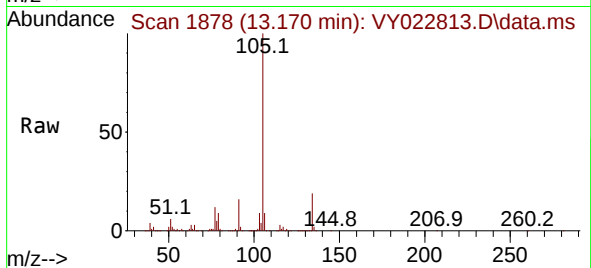
Tgt Ion:105 Resp: 362862
Ion Ratio Lower Upper
105 100
120 45.5 22.7 68.1





#85
 sec-Butylbenzene
 Concen: 20.613 ug/l
 RT: 13.170 min Scan# 1878
 Delta R.T. -0.006 min
 Lab File: VY022813.D
 Acq: 25 Jun 2025 10:18

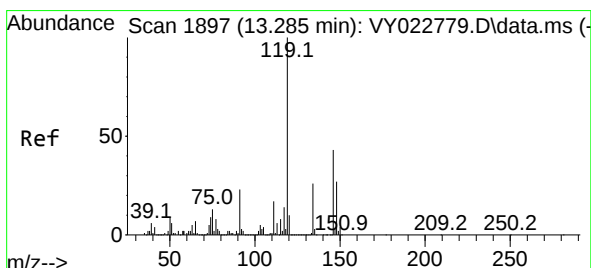
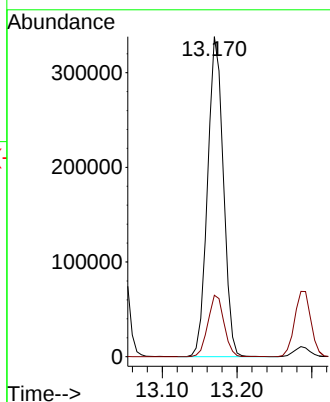
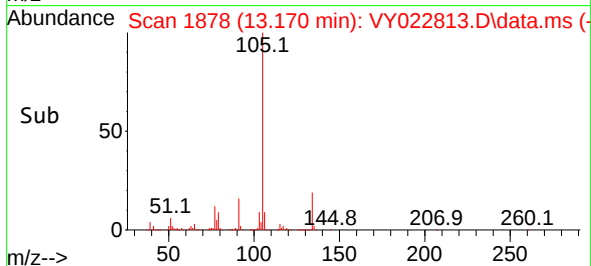
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0625SBS01



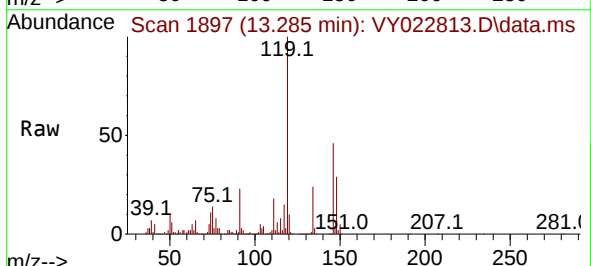
Tgt Ion:105 Resp: 49533
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.7 28.9

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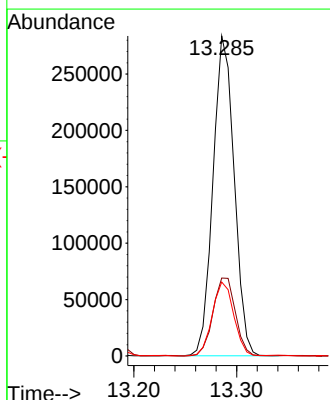
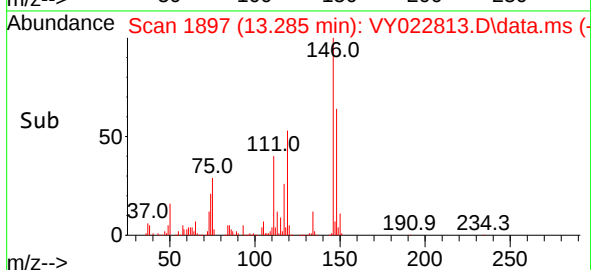
Reviewed By :Mahesh Dadoda 06/26/2025
 Supervised By :Semsettin Yesilyurt 06/26/2025

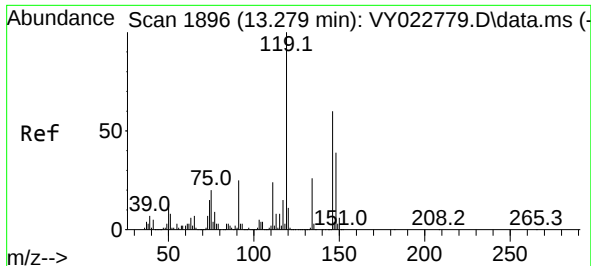


#86
 p-Isopropyltoluene
 Concen: 20.249 ug/l
 RT: 13.285 min Scan# 1897
 Delta R.T. -0.006 min
 Lab File: VY022813.D
 Acq: 25 Jun 2025 10:18



Tgt Ion:119 Resp: 404929
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.1 39.1
 91 23.5 11.6 34.8





#87

1,3-Dichlorobenzene

Concen: 19.675 ug/l

RT: 13.285 min Scan# 1896

Delta R.T. -0.006 min

Lab File: VY022813.D

Acq: 25 Jun 2025 10:18

Instrument :

MSVOA_Y

ClientSampleId :

VY0625SBS01

Tgt Ion:146 Resp: 200924

Ion Ratio Lower Upper

146 100

111 39.7 20.1 60.2

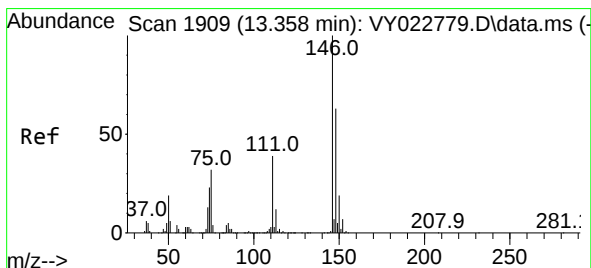
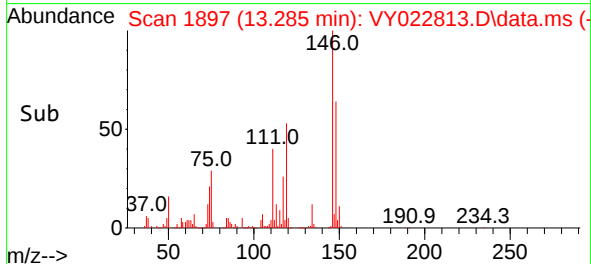
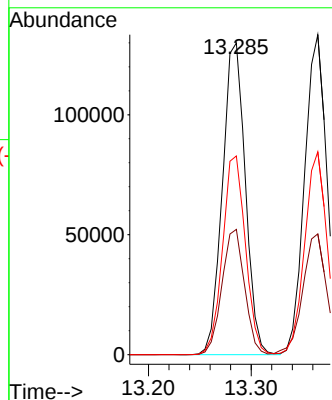
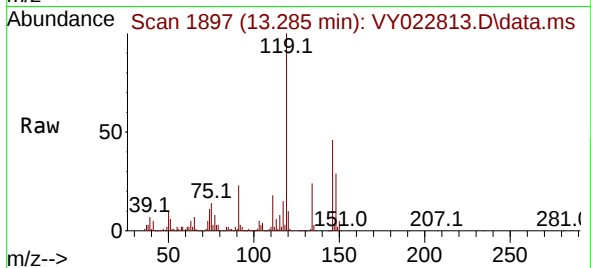
148 63.6 32.1 96.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/26/2025

Supervised By :Semsettin Yesilyurt 06/26/2025



#88

1,4-Dichlorobenzene

Concen: 19.922 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY022813.D

Acq: 25 Jun 2025 10:18

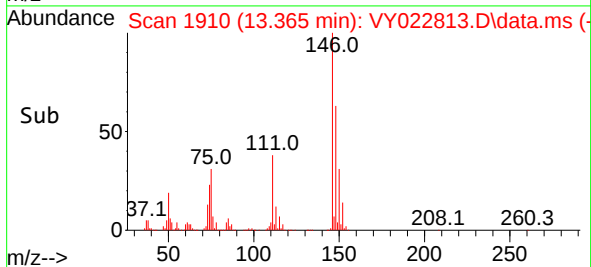
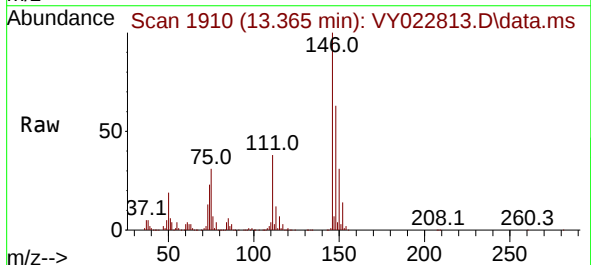
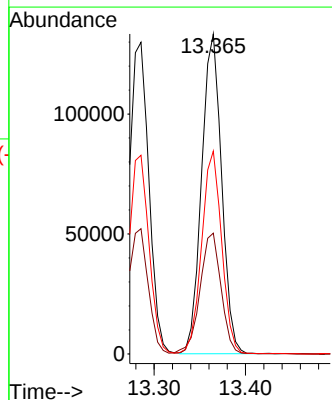
Tgt Ion:146 Resp: 202091

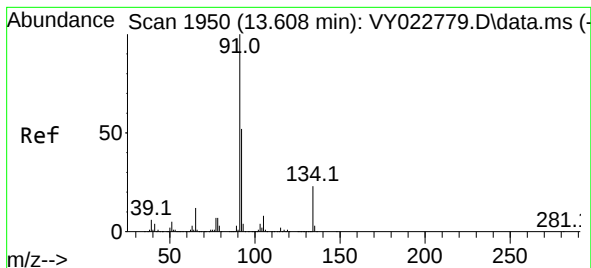
Ion Ratio Lower Upper

146 100

111 39.8 19.4 58.2

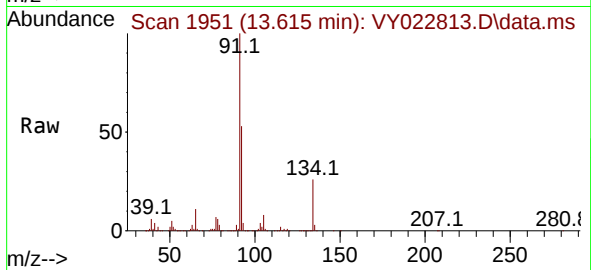
148 63.4 31.6 94.8





#89
n-Butylbenzene
Concen: 20.522 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. -0.006 min
Lab File: VY022813.D
Acq: 25 Jun 2025 10:18

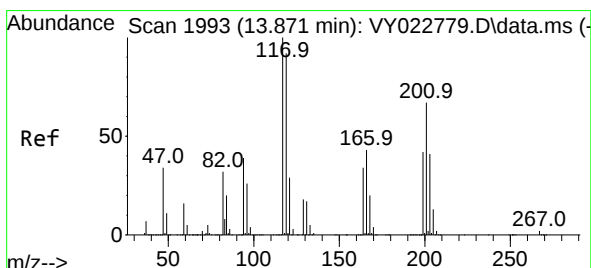
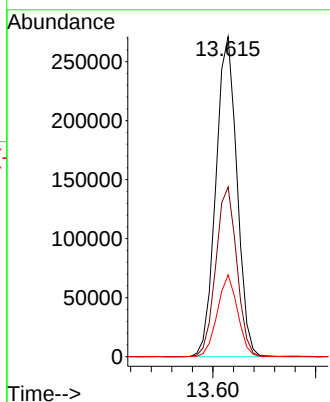
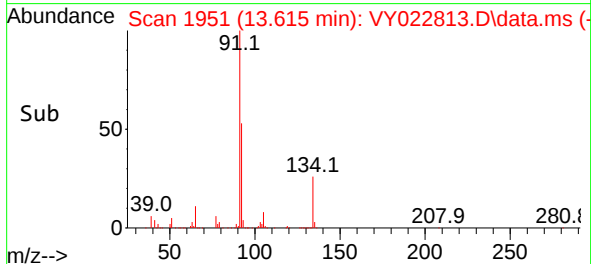
Instrument :
MSVOA_Y
ClientSampleId :
VY0625SBS01



Tgt Ion: 91 Resp: 38602
Ion Ratio Lower Upper
91 100
92 52.8 25.9 77.8
134 24.6 12.0 36.1

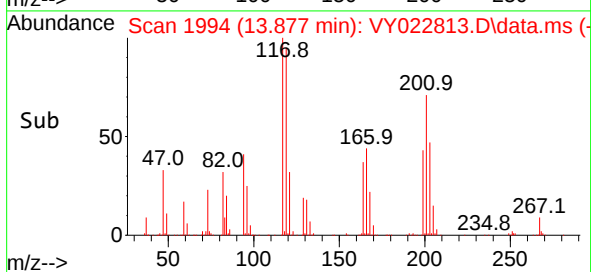
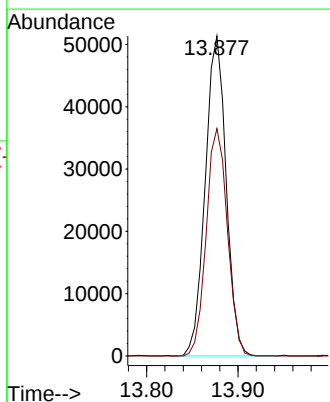
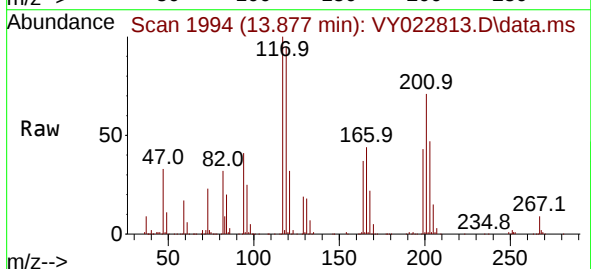
Manual Integrations
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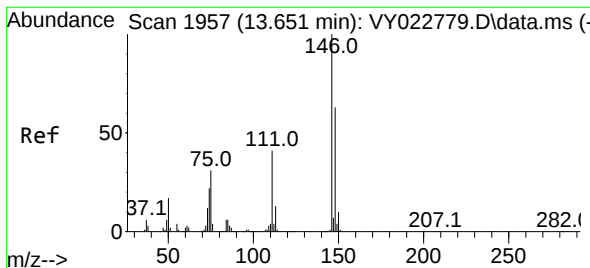
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#90
Hexachloroethane
Concen: 20.442 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. -0.006 min
Lab File: VY022813.D
Acq: 25 Jun 2025 10:18

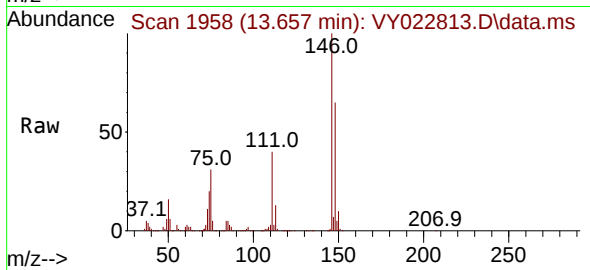
Tgt Ion:117 Resp: 81416
Ion Ratio Lower Upper
117 100
201 72.0 34.0 102.0





#91
1,2-Dichlorobenzene
Concen: 19.758 ug/l
RT: 13.657 min Scan# 1957
Delta R.T. -0.000 min
Lab File: VY022813.D
Acq: 25 Jun 2025 10:18

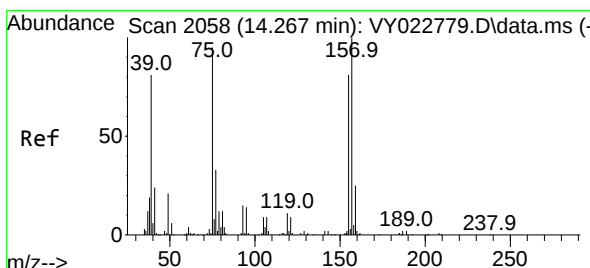
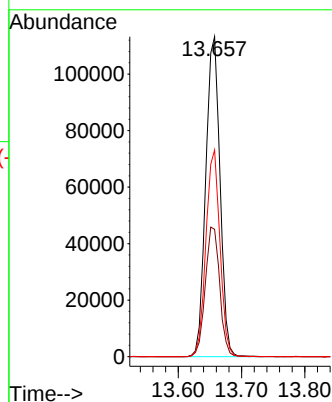
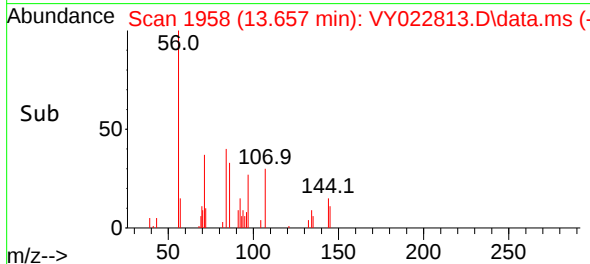
Instrument : MSVOA_Y
ClientSampleId : VY0625SBS01



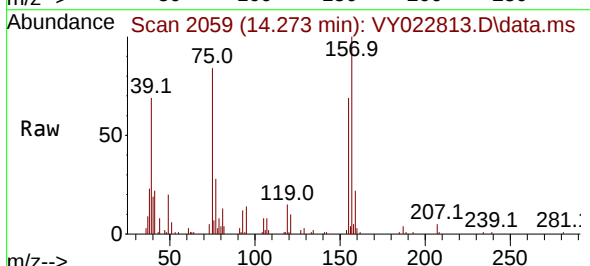
Tgt Ion:146 Resp: 17781
Ion Ratio Lower Upper
146 100
111 41.1 20.2 60.6
148 63.4 31.4 94.0

Manual Integrations
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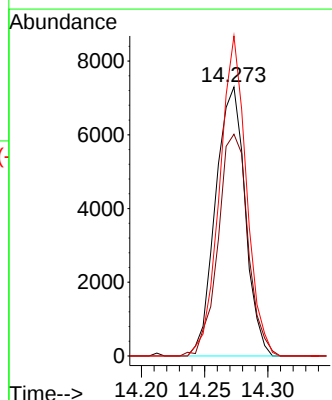
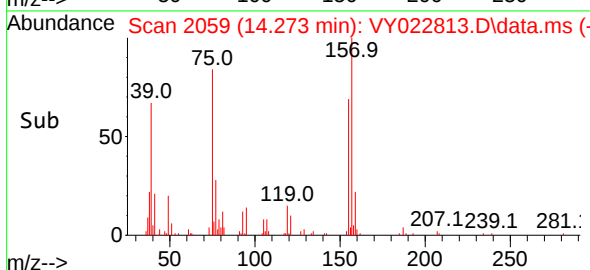
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025

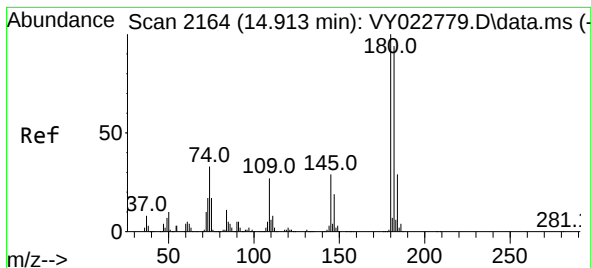


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.311 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.000 min
Lab File: VY022813.D
Acq: 25 Jun 2025 10:18



Tgt Ion: 75 Resp: 11840
Ion Ratio Lower Upper
75 100
155 83.3 39.9 119.6
157 108.0 54.0 162.0





#93

1,2,4-Trichlorobenzene

Concen: 20.306 ug/l

RT: 14.913 min Scan# 2164

Delta R.T. -0.006 min

Lab File: VY022813.D

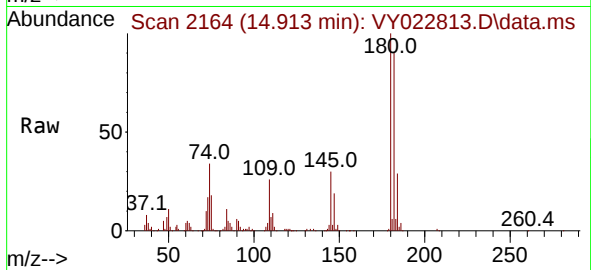
Acq: 25 Jun 2025 10:18

Instrument :

MSVOA_Y

ClientSampleId :

VY0625SBS01



Tgt Ion:180 Resp: 103180

Ion Ratio Lower Upper

180 100

182 93.7 48.4 145.3

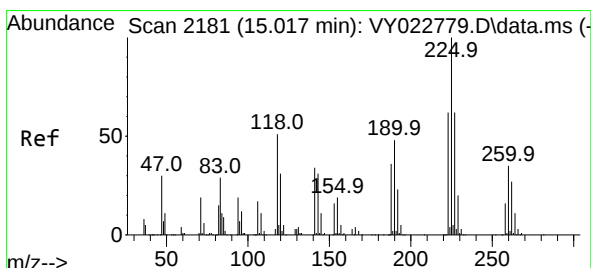
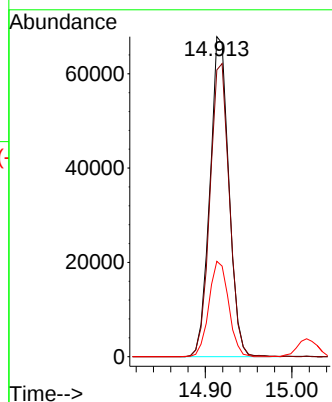
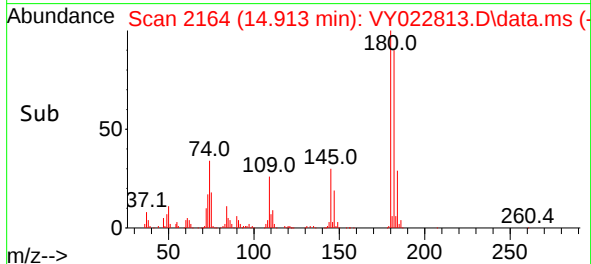
145 30.9 15.5 46.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/26/2025

Supervised By :Semsettin Yesilyurt 06/26/2025



#94

Hexachlorobutadiene

Concen: 20.700 ug/l

RT: 15.017 min Scan# 2181

Delta R.T. -0.006 min

Lab File: VY022813.D

Acq: 25 Jun 2025 10:18

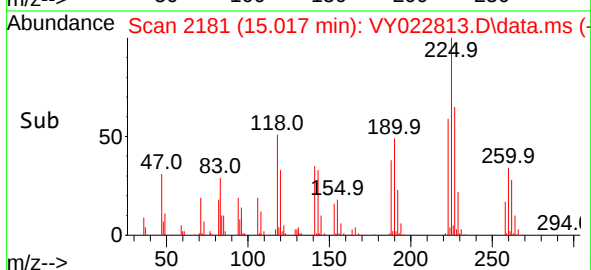
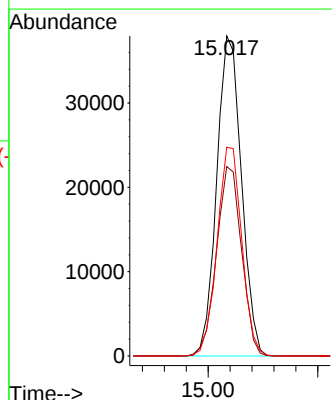
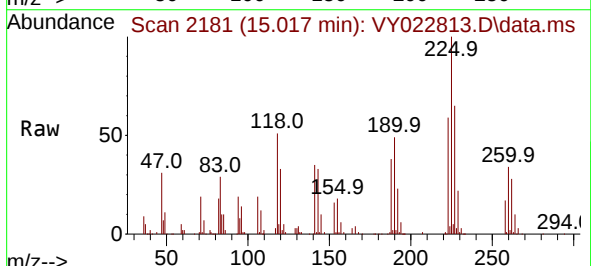
Tgt Ion:225 Resp: 59479

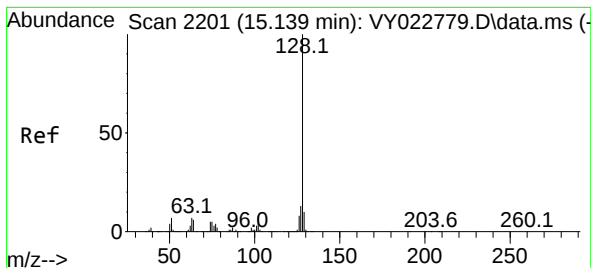
Ion Ratio Lower Upper

225 100

223 59.9 32.5 97.4

227 65.0 32.3 96.9





#95

Naphthalene

Concen: 20.008 ug/l

RT: 15.139 min Scan# 2201

Delta R.T. -0.006 min

Lab File: VY022813.D

Acq: 25 Jun 2025 10:18

Instrument :

MSVOA_Y

ClientSampleId :

VY0625SBS01

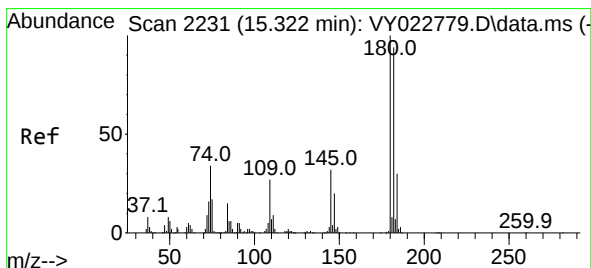
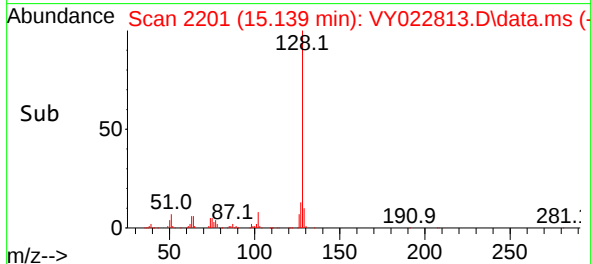
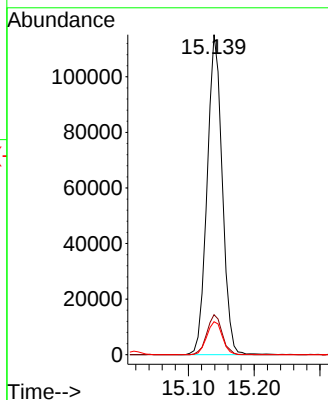
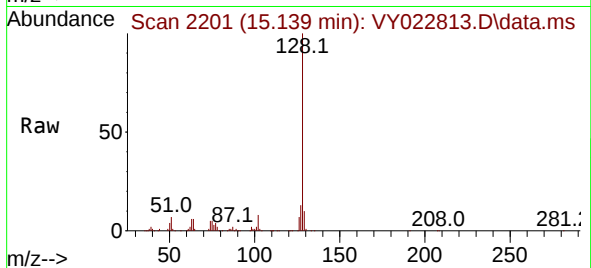
Tgt Ion:128 Resp: 183849

Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.4	15.6
129	10.6	8.9	13.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#96

1,2,3-Trichlorobenzene

Concen: 19.526 ug/l

RT: 15.322 min Scan# 2231

Delta R.T. -0.006 min

Lab File: VY022813.D

Acq: 25 Jun 2025 10:18

Tgt Ion:180 Resp: 85735

Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.1	141.3
145	31.0	15.2	45.6

