

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052325\
 Data File : VY022418.D
 Acq On : 23 May 2025 19:57
 Operator : SY/MD
 Sample : VY0523SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0523SBS02

Quant Time: May 23 23:25:11 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 16 01:42:09 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 05/27/2025
 Supervised By :Semsettin Yesilyurt 05/27/2025

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	188145	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	318316	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	266789	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	128845	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	95881	46.629	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	93.260%		
35) Dibromofluoromethane	7.646	113	90770	47.776	ug/l	0.01
Spiked Amount 50.000	Range 54 - 147		Recovery =	95.560%		
50) Toluene-d8	10.115	98	366782	47.137	ug/l	0.01
Spiked Amount 50.000	Range 58 - 134		Recovery =	94.280%		
62) 4-Bromofluorobenzene	12.408	95	110329	44.734	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	89.460%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	40670	20.716	ug/l	98
3) Chloromethane	2.068	50	103352	25.026	ug/l	99
4) Vinyl Chloride	2.208	62	120554	26.128	ug/l	100
5) Bromomethane	2.599	94	148097	39.430	ug/l	100
6) Chloroethane	2.739	64	91541	31.891	ug/l	96
7) Trichlorofluoromethane	3.056	101	115733	24.775	ug/l	98
8) Diethyl Ether	3.458	74	22038	19.658	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.824	101	44847	22.114	ug/l	99
10) Methyl Iodide	4.019	142	45421	19.351	ug/l	97
11) Tert butyl alcohol	4.897	59	13660	86.994	ug/l #	100
12) 1,1-Dichloroethene	3.800	96	42310	21.023	ug/l	94
13) Acrolein	3.665	56	10646	46.377	ug/l	97
14) Allyl chloride	4.397	41	60980	17.281	ug/l	92
15) Acrylonitrile	5.080	53	43301	93.738	ug/l	99
16) Acetone	3.897	43	31651	82.091	ug/l	95
17) Carbon Disulfide	4.110	76	130746	19.923	ug/l	98
18) Methyl Acetate	4.403	43	21974	18.076	ug/l	95
19) Methyl tert-butyl Ether	5.129	73	111039	20.010	ug/l	98
20) Methylene Chloride	4.623	84	48162	19.332	ug/l	94
21) trans-1,2-Dichloroethene	5.122	96	46960	21.140	ug/l	95
22) Diisopropyl ether	6.031	45	137638	18.470	ug/l	98
23) Vinyl Acetate	5.970	43	397302	88.250	ug/l	95
24) 1,1-Dichloroethane	5.921	63	83911	20.155	ug/l	99
25) 2-Butanone	6.903	43	52924	82.062	ug/l	97
26) 2,2-Dichloropropane	6.890	77	70529	19.047	ug/l	98
27) cis-1,2-Dichloroethene	6.903	96	53739	20.964	ug/l	96
28) Bromochloromethane	7.256	49	35843	20.184	ug/l	93
29) Tetrahydrofuran	7.274	42	37346	90.008	ug/l	93
30) Chloroform	7.433	83	83918	21.014	ug/l	99
31) Cyclohexane	7.707	56	81364	19.560	ug/l	97
32) 1,1,1-Trichloroethane	7.628	97	76528	20.888	ug/l	98
36) 1,1-Dichloropropene	7.841	75	63277	20.221	ug/l	99
37) Ethyl Acetate	7.000	43	26853	17.834	ug/l #	96
38) Carbon Tetrachloride	7.829	117	66090	20.403	ug/l	97
39) Methylcyclohexane	9.116	83	85957	20.445	ug/l	96
40) Benzene	8.091	78	189699	20.448	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	15726	15.745	ug/l #	80
42) 1,2-Dichloroethane	8.171	62	50732	20.222	ug/l	98
43) Isopropyl Acetate	8.207	43	55731	16.972	ug/l	97
44) Trichloroethene	8.872	130	47030	20.389	ug/l	87
45) 1,2-Dichloropropane	9.146	63	44227	19.774	ug/l	98
46) Dibromomethane	9.238	93	24472	20.286	ug/l	99
47) Bromodichloromethane	9.433	83	63262	20.215	ug/l	96
48) Methyl methacrylate	9.225	41	24543	15.982	ug/l	90
49) 1,4-Dioxane	9.250	88	5296	388.613	ug/l #	83
51) 4-Methyl-2-Pentanone	10.006	43	135984	84.398	ug/l	95
52) Toluene	10.176	92	117986	20.084	ug/l	100
53) t-1,3-Dichloropropene	10.402	75	55611	18.208	ug/l	97
54) cis-1,3-Dichloropropene	9.859	75	67324	19.240	ug/l	93
55) 1,1,2-Trichloroethane	10.579	97	31383	20.316	ug/l	97
56) Ethyl methacrylate	10.445	69	43763	18.187	ug/l	95
57) 1,3-Dichloropropane	10.719	76	55286	20.143	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.719	63	93085	86.187	ug/l	96
59) 2-Hexanone	10.768	43	89929	83.244	ug/l	96
60) Dibromochloromethane	10.920	129	38750	19.327	ug/l	100
61) 1,2-Dibromoethane	11.018	107	28149	19.551	ug/l	100
64) Tetrachloroethene	10.652	164	51610	20.929	ug/l	97
65) Chlorobenzene	11.451	112	123988	20.599	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.524	131	40274	19.463	ug/l	97
67) Ethyl Benzene	11.524	91	220886	19.595	ug/l	99
68) m/p-Xylenes	11.633	106	168885	39.760	ug/l	95
69) o-Xylene	11.957	106	80449	20.018	ug/l	94
70) Styrene	11.975	104	132208	19.502	ug/l	97
71) Bromoform	12.139	173	21258	19.033	ug/l #	99
73) Isopropylbenzene	12.261	105	207642	19.453	ug/l	99
74) N-amyl acetate	12.079	43	48171	15.779	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.511	83	30722	18.715	ug/l	98
76) 1,2,3-Trichloropropane	12.560	75	27497m	21.065	ug/l	
77) Bromobenzene	12.536	156	44435	19.491	ug/l	95
78) n-propylbenzene	12.597	91	248465	19.298	ug/l	100
79) 2-Chlorotoluene	12.682	91	133986	18.937	ug/l	98
80) 1,3,5-Trimethylbenzene	12.743	105	162475	18.856	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.310	75	11173	17.339	ug/l	94
82) 4-Chlorotoluene	12.780	91	136735	18.789	ug/l	97
83) tert-Butylbenzene	12.999	119	151311	19.757	ug/l	97
84) 1,2,4-Trimethylbenzene	13.048	105	161528	18.884	ug/l	96
85) sec-Butylbenzene	13.182	105	225056	19.796	ug/l	100
86) p-Isopropyltoluene	13.298	119	181689	19.002	ug/l	99
87) 1,3-Dichlorobenzene	13.292	146	89165	19.159	ug/l	98
88) 1,4-Dichlorobenzene	13.371	146	84865	18.957	ug/l	99
89) n-Butylbenzene	13.621	91	173834	19.218	ug/l	99
90) Hexachloroethane	13.883	117	35991	18.647	ug/l	99
91) 1,2-Dichlorobenzene	13.664	146	76275	19.511	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	4347	16.422	ug/l	96
93) 1,2,4-Trichlorobenzene	14.919	180	40823	18.078	ug/l	96
94) Hexachlorobutadiene	15.029	225	24282	19.282	ug/l	98
95) Naphthalene	15.151	128	77489	18.083	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	34606	18.065	ug/l	98

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ClientSampleId :
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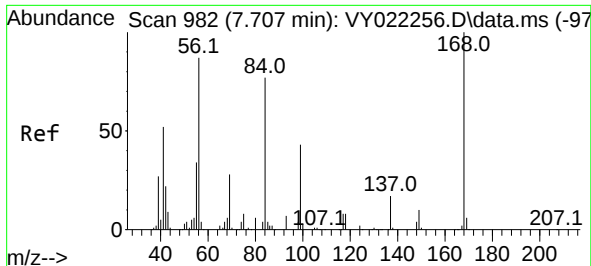
Manual Integrations
APPROVED

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Supervised By :Semsettin Yesilyurt 05/27/2025

Quant Time: May 23 23:25:11 2025
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Quant Title : SW846 8260
QLast Update : Fri May 16 01:42:09 2025
Response via : Initial Calibration

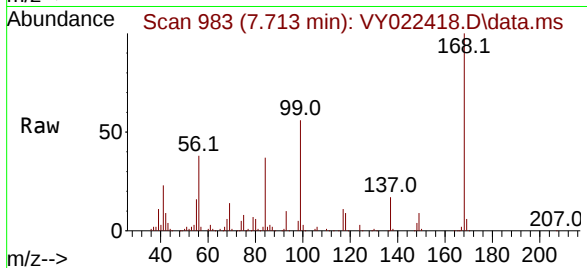
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY022418.D
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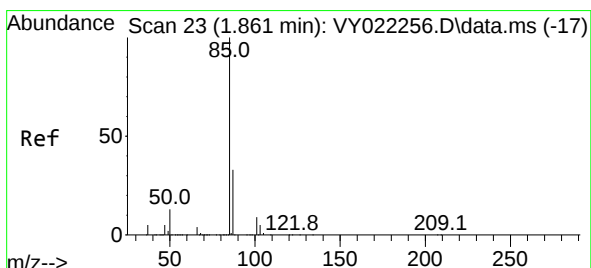
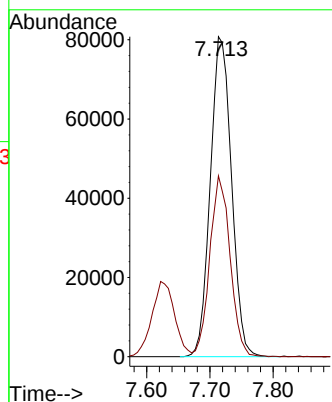
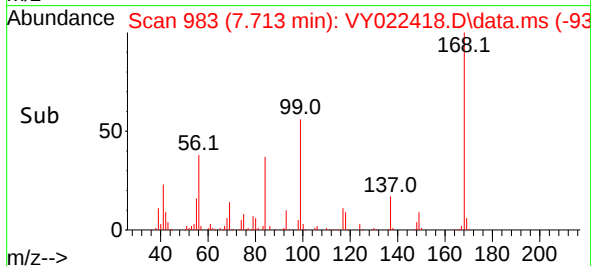
Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBS02



Tgt Ion:168 Resp: 18814
Ion Ratio Lower Upper
168 100
99 56.5 44.2 66.4

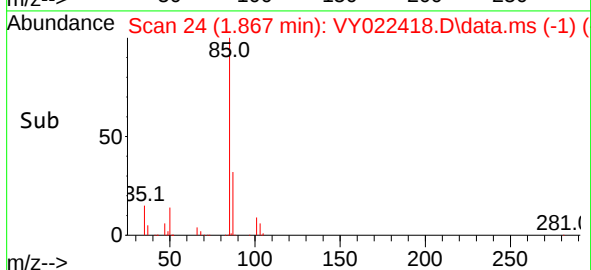
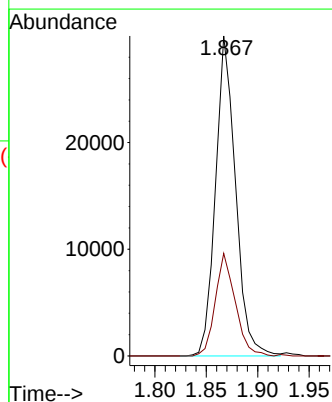
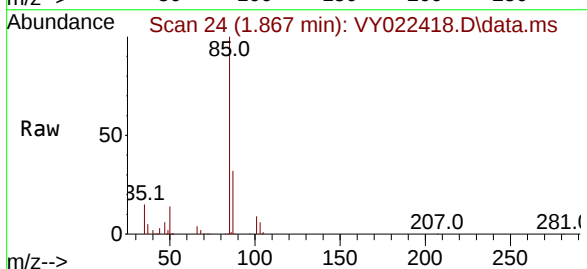
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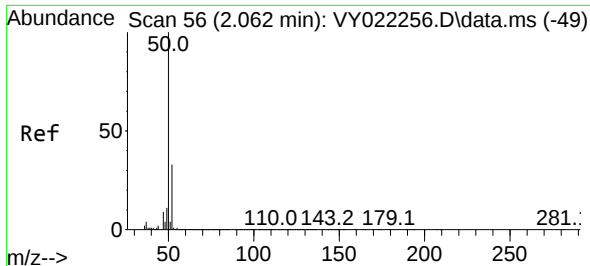
Reviewed By :Mahesh Dadoda 05/27/2025
Supervised By :Semsettin Yesilyurt 05/27/2025



#2
Dichlorodifluoromethane
Concen: 20.716 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY022418.D
Acq: 23 May 2025 19:57

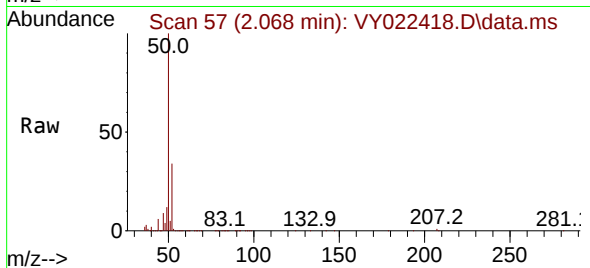
Tgt Ion: 85 Resp: 40670
Ion Ratio Lower Upper
85 100
87 32.0 16.5 49.5





#3
Chloromethane
Concen: 25.026 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY022418.D
Acq: 23 May 2025 19:57

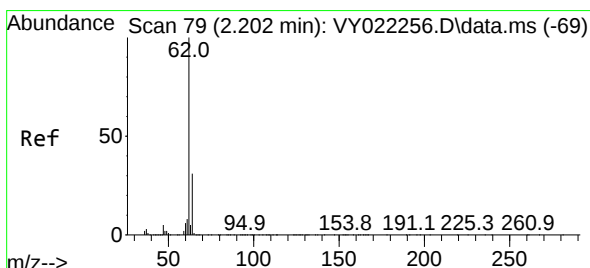
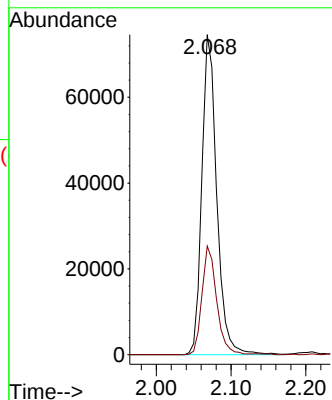
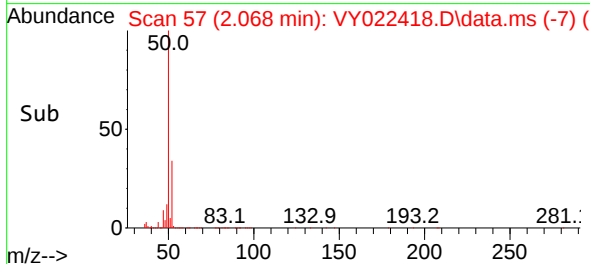
Instrument :
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ClientSampleId :
VY0523SBS02



Tgt Ion: 50 Resp: 103352
Ion Ratio Lower Upper
50 100
52 33.9 26.5 39.7

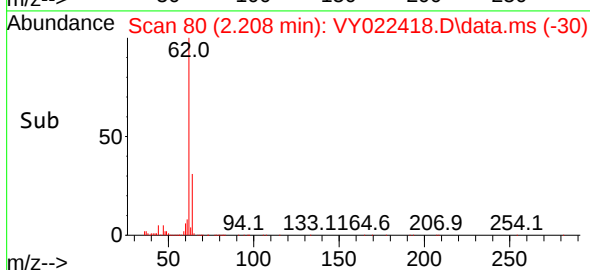
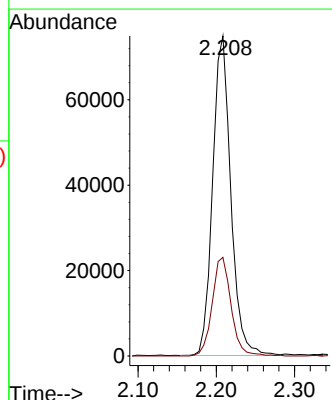
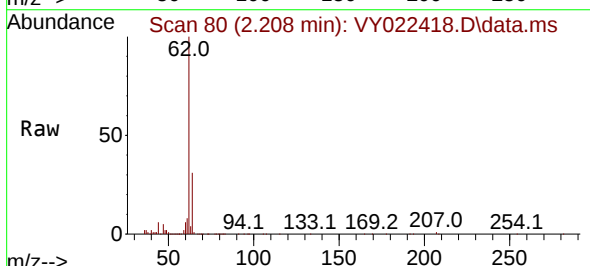
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#4
Vinyl Chloride
Concen: 26.128 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY022418.D
Acq: 23 May 2025 19:57

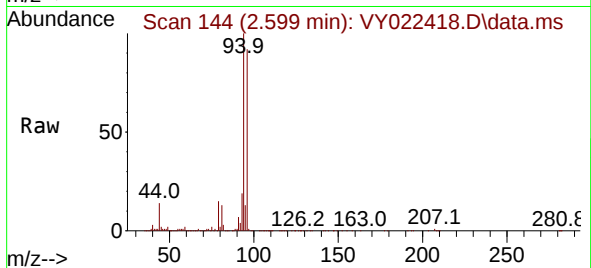
Tgt Ion: 62 Resp: 120554
Ion Ratio Lower Upper
62 100
64 30.8 24.5 36.7





#5
Bromomethane
Concen: 39.430 ug/l
RT: 2.599 min Scan# 144
Delta R.T. 0.006 min
Lab File: VY022418.D
Acq: 23 May 2025 19:57

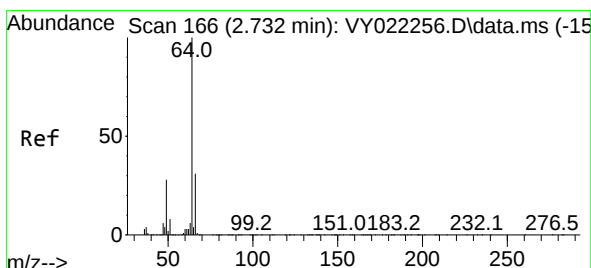
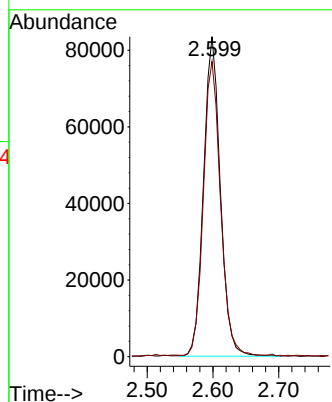
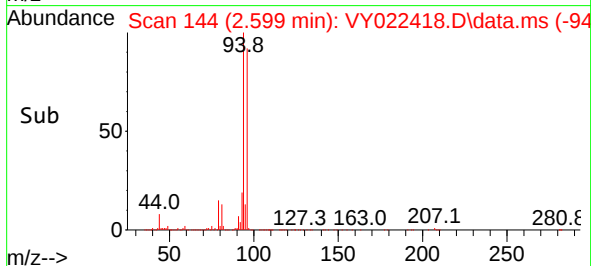
Instrument :
MSVOA_Y
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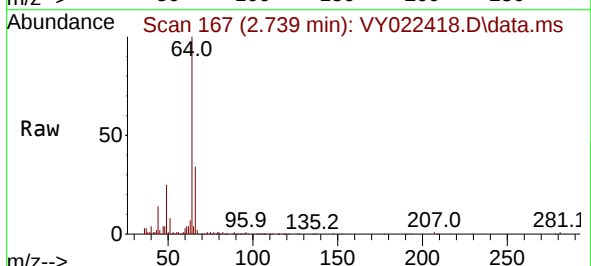
Tgt Ion: 94 Resp: 14809
Ion Ratio Lower Upper
94 100
96 91.9 73.4 110.0

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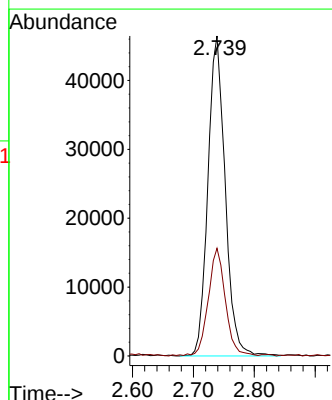
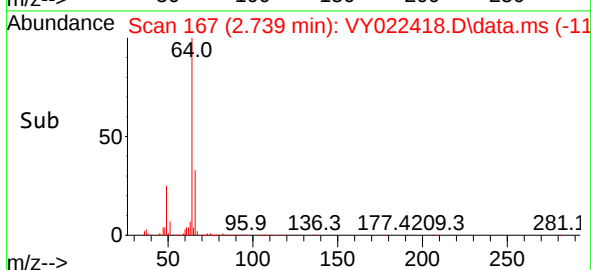
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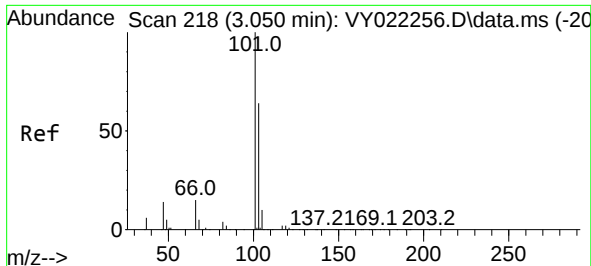


#6
Chloroethane
Concen: 31.891 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.006 min
Lab File: VY022418.D
Acq: 23 May 2025 19:57



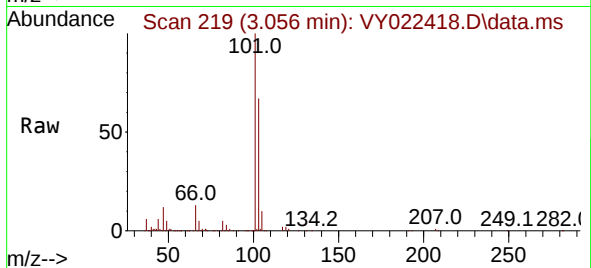
Tgt Ion: 64 Resp: 91541
Ion Ratio Lower Upper
64 100
66 33.4 24.8 37.2





#7
Trichlorofluoromethane
Concen: 24.775 ug/l
RT: 3.056 min Scan# 218
Delta R.T. 0.006 min
Lab File: VY022418.D
Acq: 23 May 2025 19:57

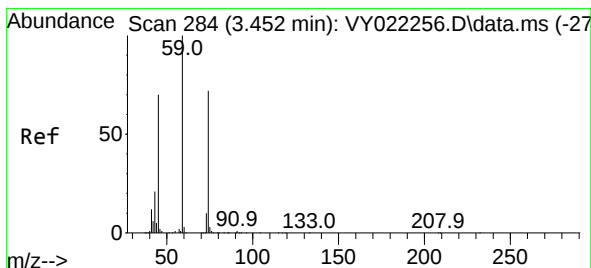
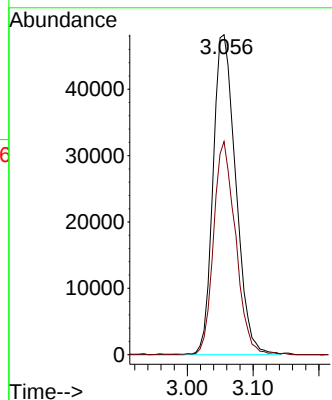
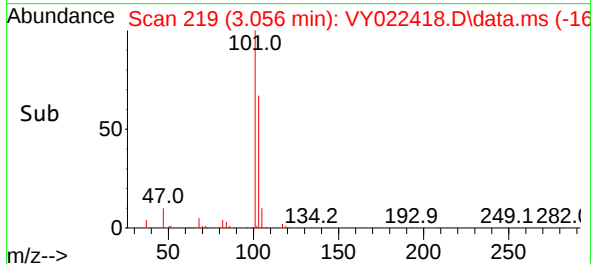
Instrument :
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Tgt Ion:101 Resp: 115738
Ion Ratio Lower Upper
101 100
103 66.5 51.7 77.5

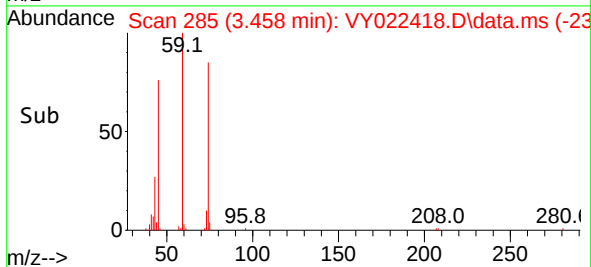
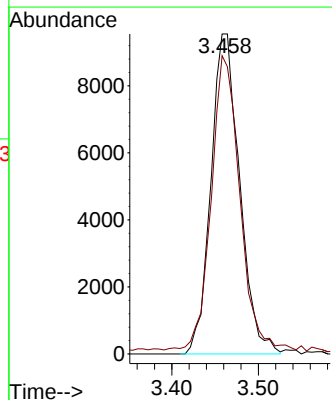
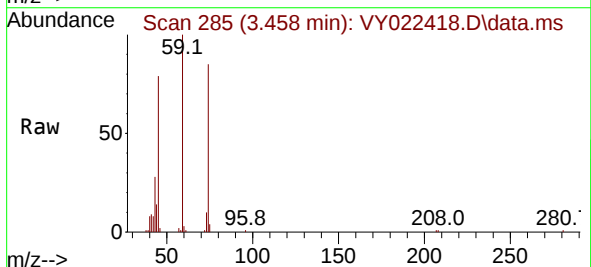
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Supervised By :Semsettin Yesilyurt 05/27/2025



#8
Diethyl Ether
Concen: 19.658 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.006 min
Lab File: VY022418.D
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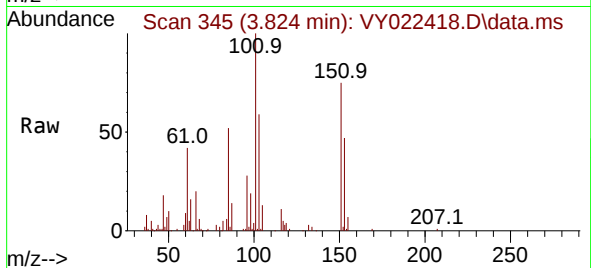
Tgt Ion: 74 Resp: 22038
Ion Ratio Lower Upper
74 100
45 90.8 48.6 145.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.114 ug/l
RT: 3.824 min Scan# 344
Delta R.T. 0.006 min
Lab File: VY022418.D
Acq: 23 May 2025 19:57

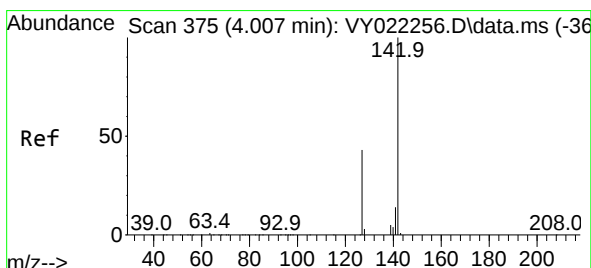
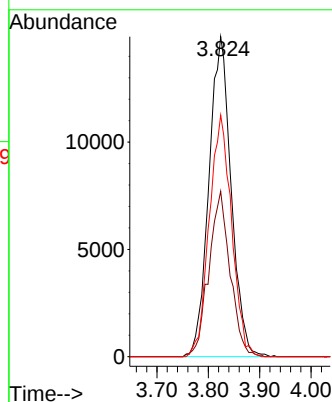
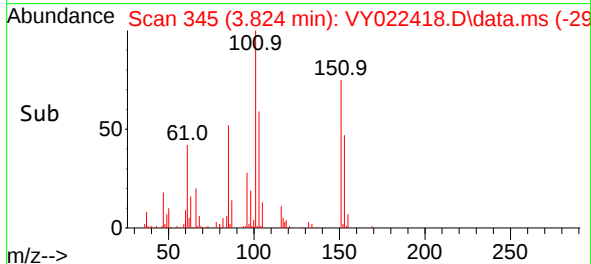
Instrument :
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Tgt Ion:101 Resp: 4484
Ion Ratio Lower Upper
101 100
85 49.4 38.6 58.0
151 75.7 59.7 89.5

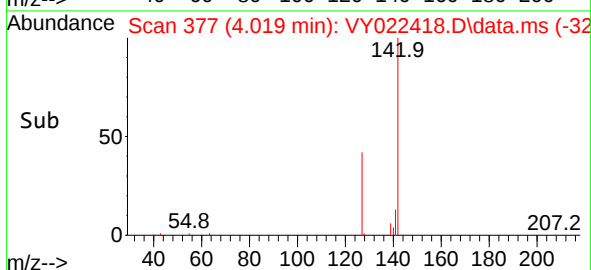
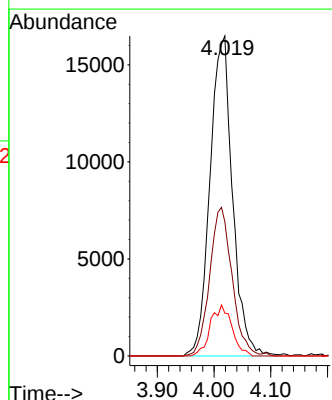
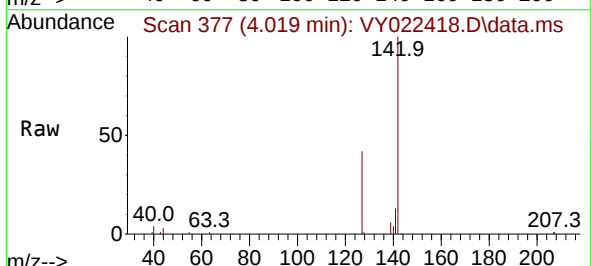
Manual Integrations
APPROVED

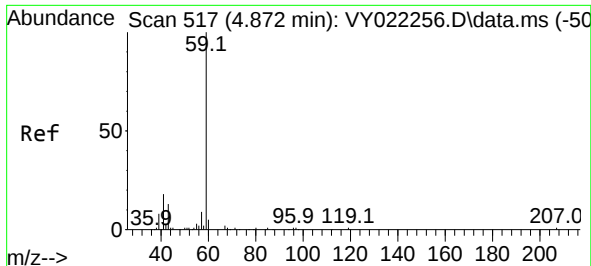
Reviewed By :Mahesh Dadoda 05/27/2025
Supervised By :Semsettin Yesilyurt 05/27/2025



#10
Methyl Iodide
Concen: 19.351 ug/l
RT: 4.019 min Scan# 377
Delta R.T. 0.012 min
Lab File: VY022418.D
Acq: 23 May 2025 19:57

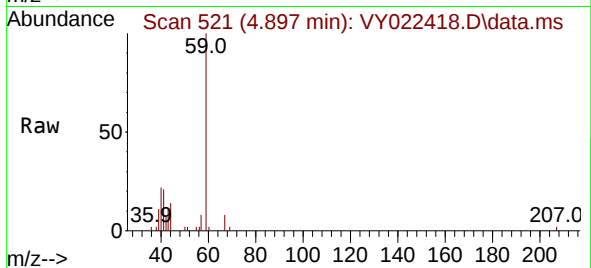
Tgt Ion:142 Resp: 45421
Ion Ratio Lower Upper
142 100
127 46.4 35.7 53.5
141 15.3 11.1 16.7





#11
Tert butyl alcohol
Concen: 86.994 ug/l
RT: 4.897 min Scan# 517
Delta R.T. 0.025 min
Lab File: VY022418.D
Acq: 23 May 2025 19:57

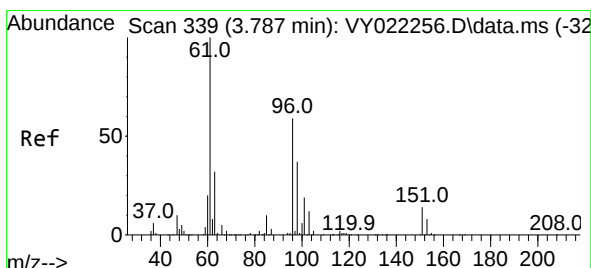
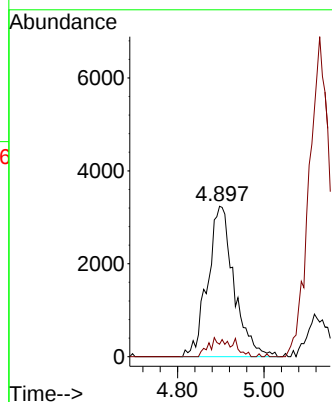
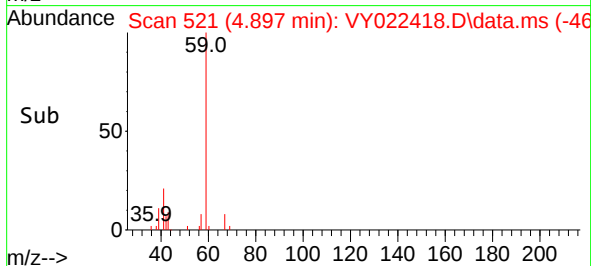
Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBS02



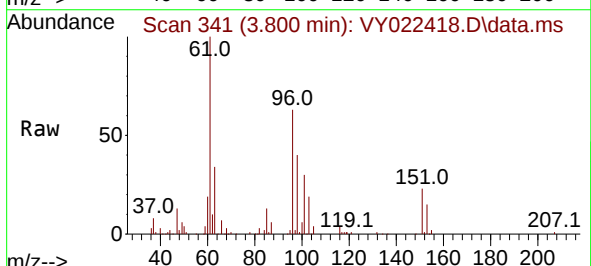
Tgt Ion: 59 Resp: 13660
Ion Ratio Lower Upper
59 100
57 5.0 0.0 0.0

Manual Integrations
APPROVED

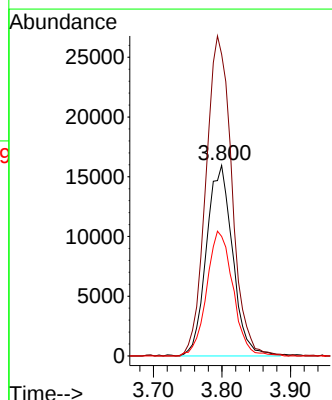
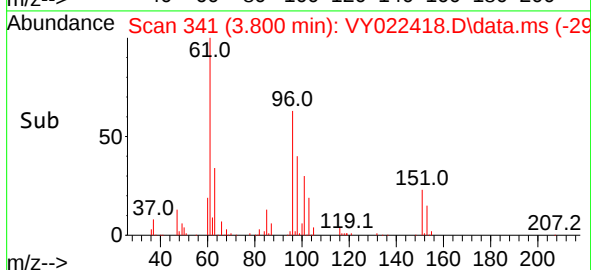
Reviewed By :Mahesh Dadoda 05/27/2025
Supervised By :Semsettin Yesilyurt 05/27/2025

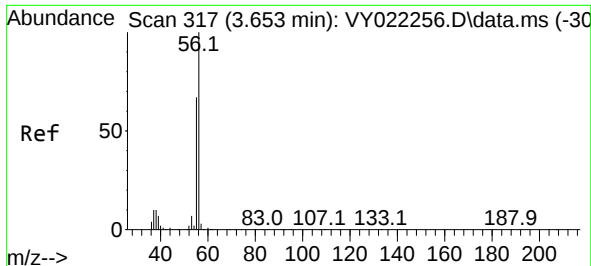


#12
1,1-Dichloroethene
Concen: 21.023 ug/l
RT: 3.800 min Scan# 341
Delta R.T. 0.012 min
Lab File: VY022418.D
Acq: 23 May 2025 19:57



Tgt Ion: 96 Resp: 42310
Ion Ratio Lower Upper
96 100
61 157.9 134.9 202.3
98 62.7 49.9 74.9





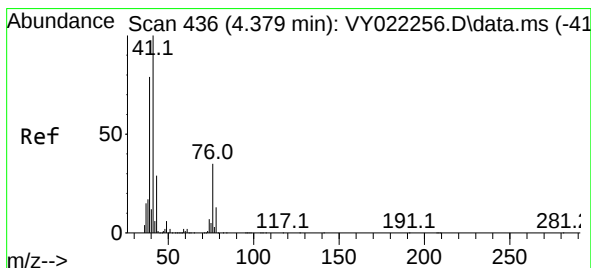
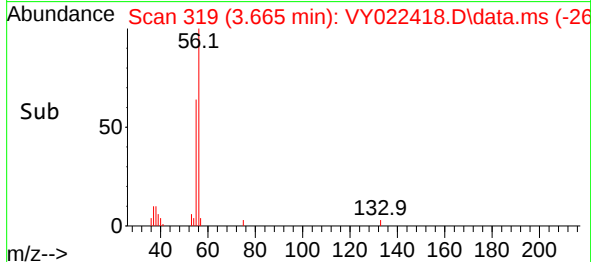
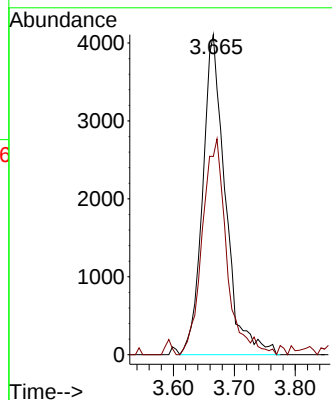
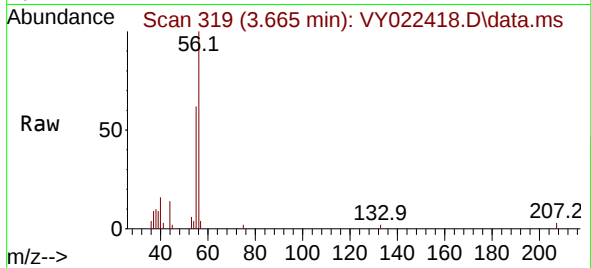
#13
Acrolein
Concen: 46.377 ug/l
RT: 3.665 min Scan# 317
Delta R.T. 0.012 min
Lab File: VY022418.D
Acq: 23 May 2025 19:57

Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBS02

Tgt Ion: 56 Resp: 10640
Ion Ratio Lower Upper
56 100
55 72.2 55.6 83.4

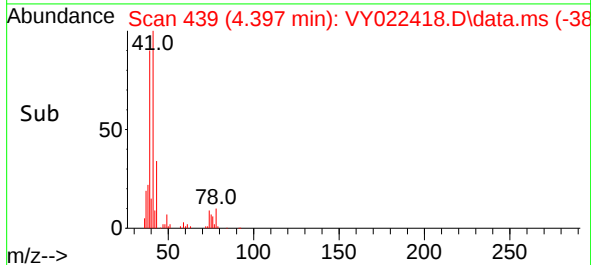
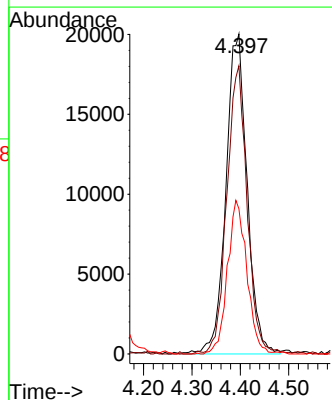
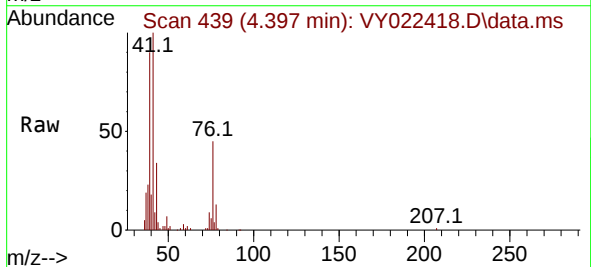
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 05/27/2025
Supervised By :Semsettin Yesilyurt 05/27/2025



#14
Allyl chloride
Concen: 17.281 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.018 min
Lab File: VY022418.D
Acq: 23 May 2025 19:57

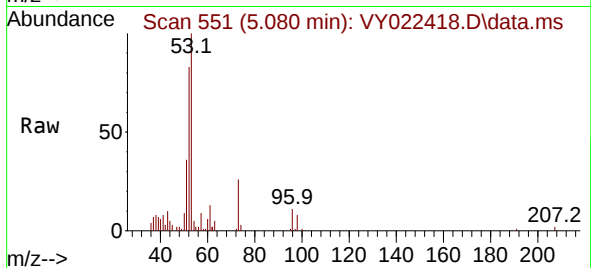
Tgt Ion: 41 Resp: 60980
Ion Ratio Lower Upper
41 100
39 85.0 63.4 95.0
76 43.9 29.5 44.3





#15
Acrylonitrile
Concen: 93.738 ug/l
RT: 5.080 min Scan# 51
Delta R.T. 0.018 min
Lab File: VY022418.D
Acq: 23 May 2025 19:57

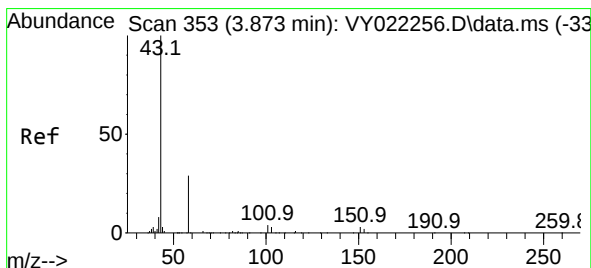
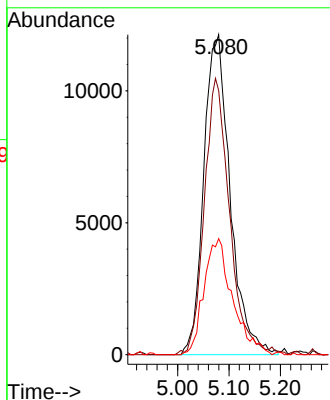
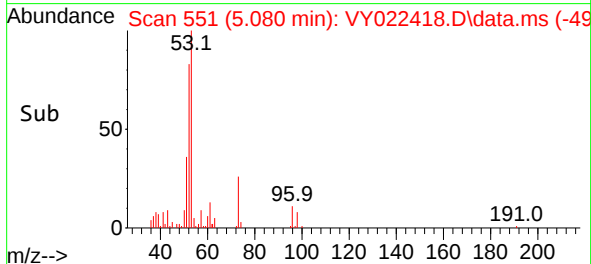
Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBS02



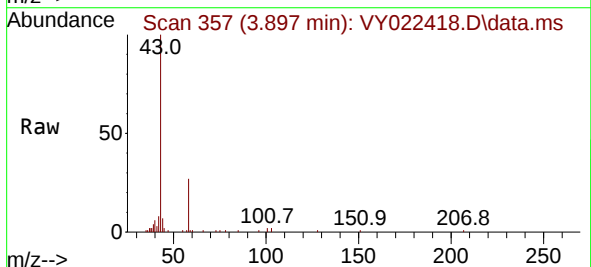
Tgt Ion: 53 Resp: 4330
Ion Ratio Lower Upper
53 100
52 81.9 66.1 99.1
51 39.2 30.0 45.0

Manual Integrations
APPROVED

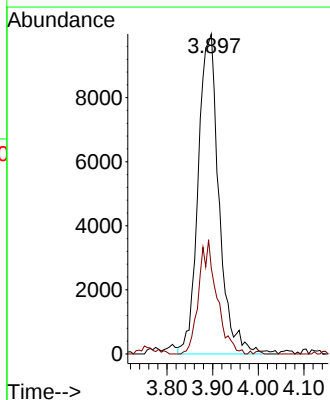
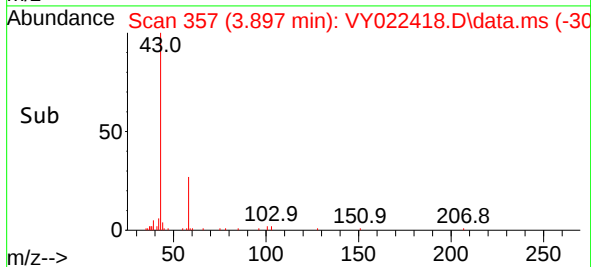
Reviewed By :Mahesh Dadoda 05/27/2025
Supervised By :Semsettin Yesilyurt 05/27/2025



#16
Acetone
Concen: 82.091 ug/l
RT: 3.897 min Scan# 357
Delta R.T. 0.025 min
Lab File: VY022418.D
Acq: 23 May 2025 19:57



Tgt Ion: 43 Resp: 31651
Ion Ratio Lower Upper
43 100
58 26.7 23.6 35.4





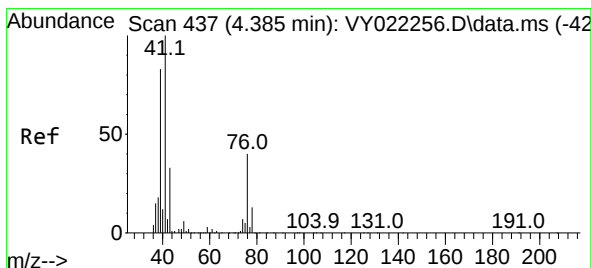
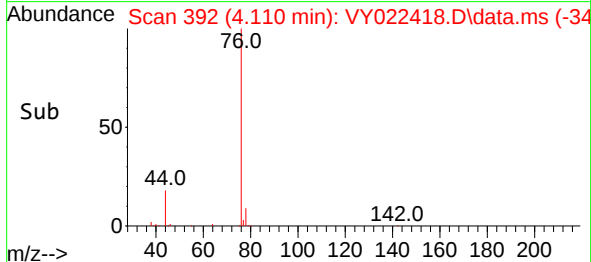
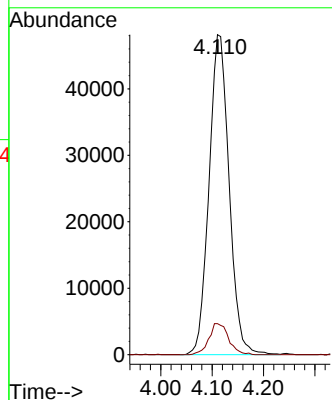
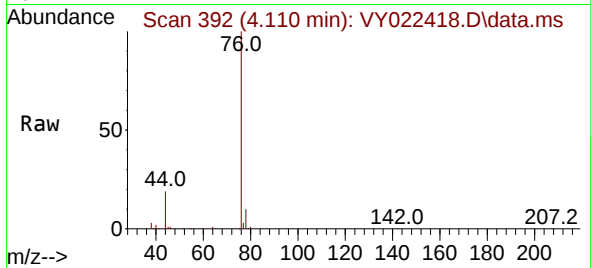
#17
Carbon Disulfide
Concen: 19.923 ug/l
RT: 4.110 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY022418.D
Acq: 23 May 2025 19:57

Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBS02

Tgt Ion: 76 Resp: 130740
Ion Ratio Lower Upper
76 100
78 9.7 7.2 10.8

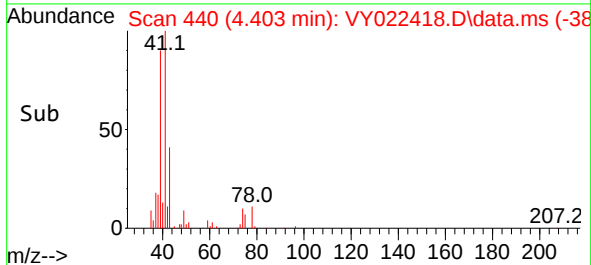
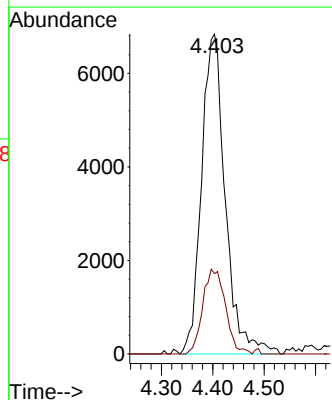
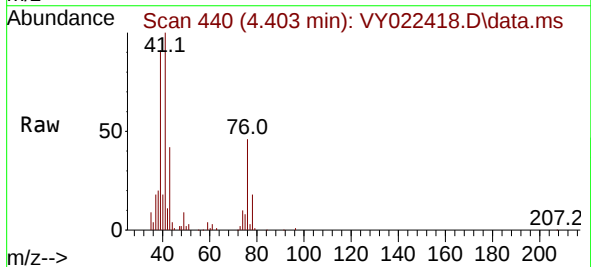
Manual Integrations
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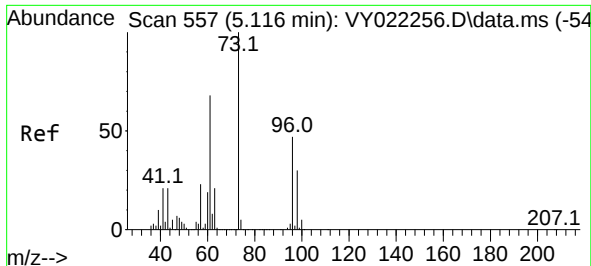
Reviewed By :Mahesh Dadoda 05/27/2025
Supervised By :Semsettin Yesilyurt 05/27/2025



#18
Methyl Acetate
Concen: 18.076 ug/l
RT: 4.403 min Scan# 440
Delta R.T. 0.018 min
Lab File: VY022418.D
Acq: 23 May 2025 19:57

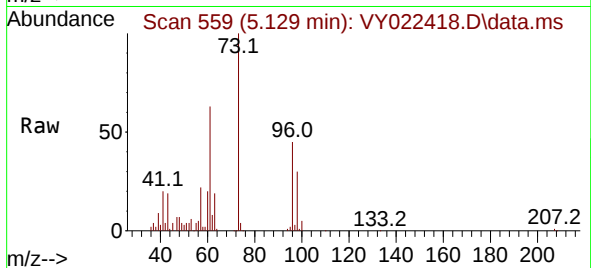
Tgt Ion: 43 Resp: 21974
Ion Ratio Lower Upper
43 100
74 25.3 18.2 27.4





#19
Methyl tert-butyl Ether
Concen: 20.010 ug/l
RT: 5.129 min Scan# 511
Delta R.T. 0.012 min
Lab File: VY022418.D
Acq: 23 May 2025 19:57

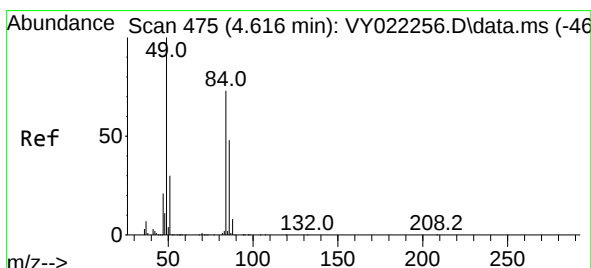
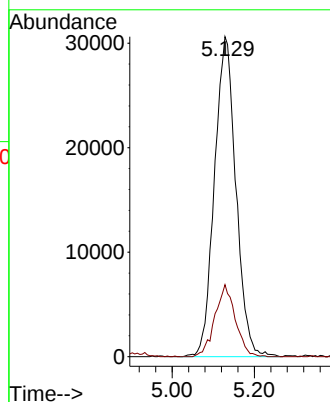
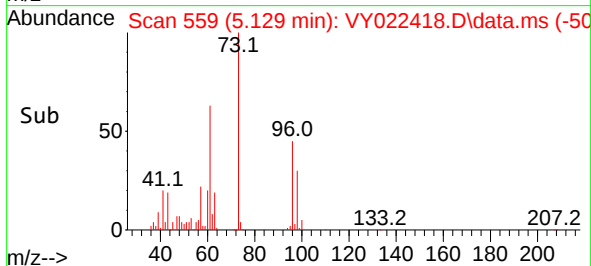
Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBS02



Tgt Ion: 73 Resp: 111039
Ion Ratio Lower Upper
73 100
57 22.5 18.6 28.0

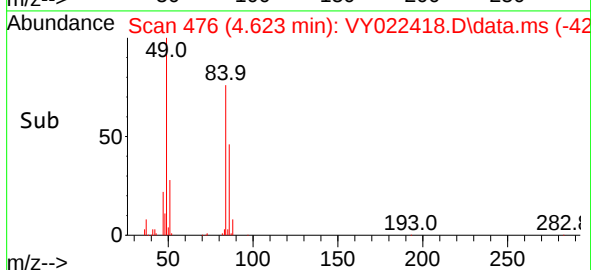
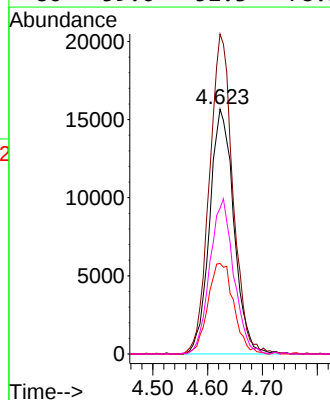
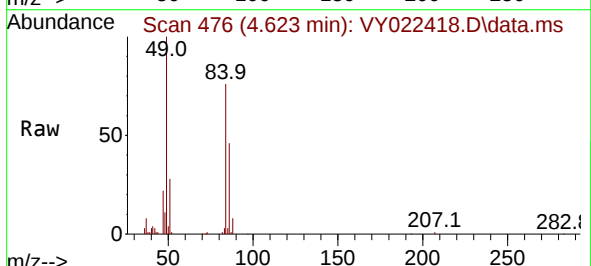
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 05/27/2025
Supervised By :Semsettin Yesilyurt 05/27/2025



#20
Methylene Chloride
Concen: 19.332 ug/l
RT: 4.623 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY022418.D
Acq: 23 May 2025 19:57

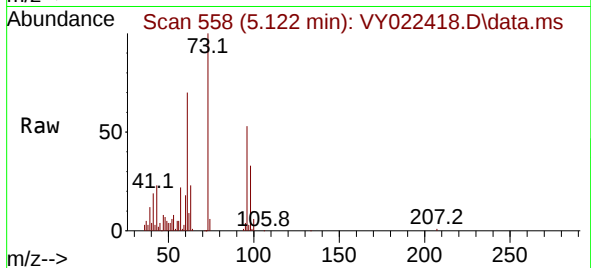
Tgt Ion: 84 Resp: 48162
Ion Ratio Lower Upper
84 100
49 130.7 109.6 164.4
51 37.0 32.4 48.6
86 59.6 52.3 78.5





#21
trans-1,2-Dichloroethene
Concen: 21.140 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY022418.D
Acq: 23 May 2025 19:57

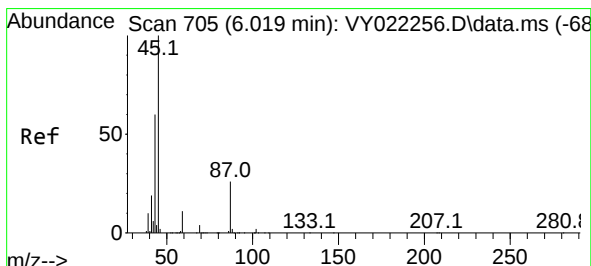
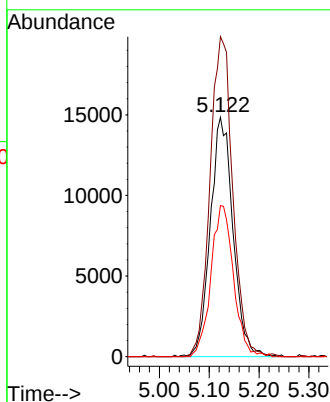
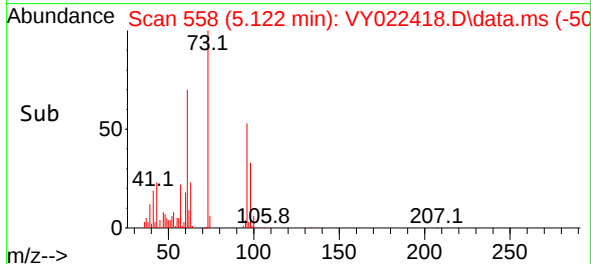
Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBS02



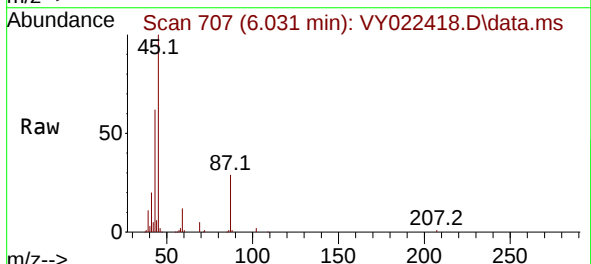
Tgt Ion: 96 Resp: 46960
Ion Ratio Lower Upper
96 100
61 133.7 113.4 170.0
98 63.1 50.9 76.3

Manual Integrations
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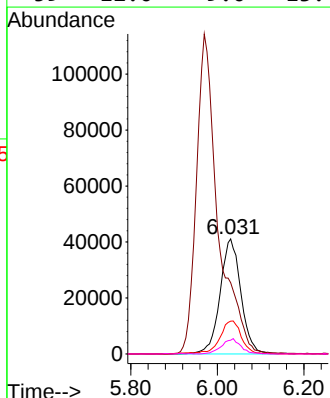
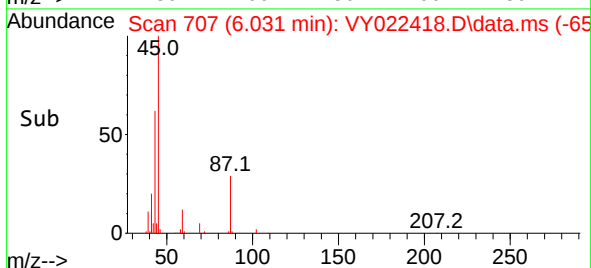
Reviewed By :Mahesh Dadoda 05/27/2025
Supervised By :Semsettin Yesilyurt 05/27/2025



#22
Diisopropyl ether
Concen: 18.470 ug/l
RT: 6.031 min Scan# 707
Delta R.T. 0.012 min
Lab File: VY022418.D
Acq: 23 May 2025 19:57



Tgt Ion: 45 Resp: 137638
Ion Ratio Lower Upper
45 100
43 61.2 48.2 72.2
87 28.5 21.4 32.0
59 12.0 9.0 13.4





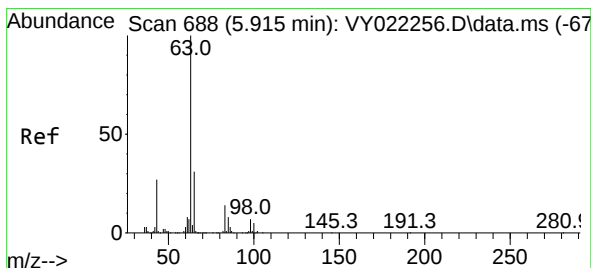
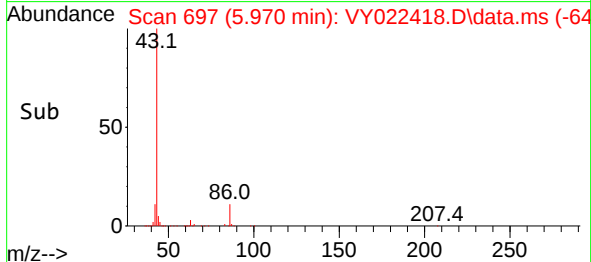
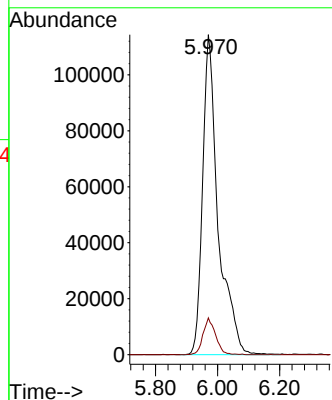
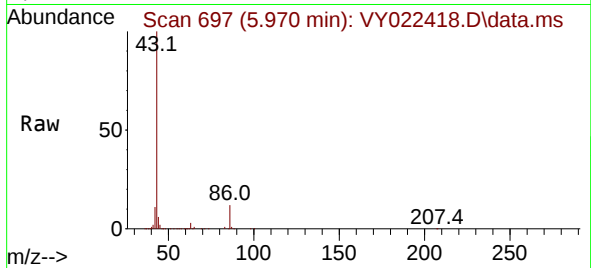
#23
 Vinyl Acetate
 Concen: 88.250 ug/l
 RT: 5.970 min Scan# 695
 Delta R.T. 0.012 min
 Lab File: VY022418.D
 Acq: 23 May 2025 19:57

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0523SBS02

Tgt Ion: 43 Resp: 397302
 Ion Ratio Lower Upper
 43 100
 86 11.5 7.8 11.8

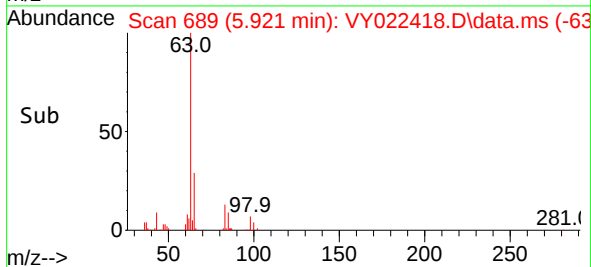
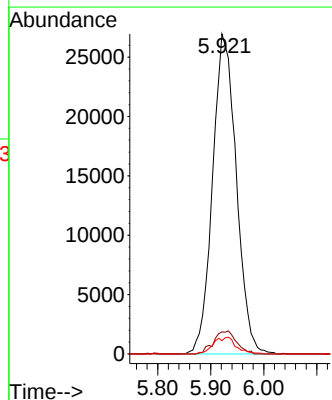
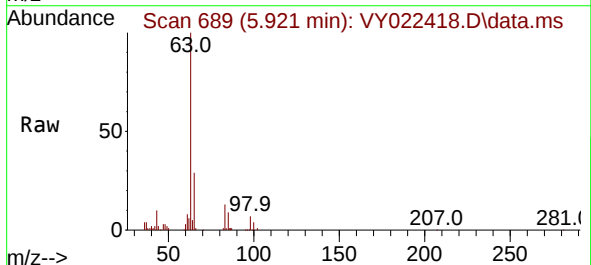
Manual Integrations
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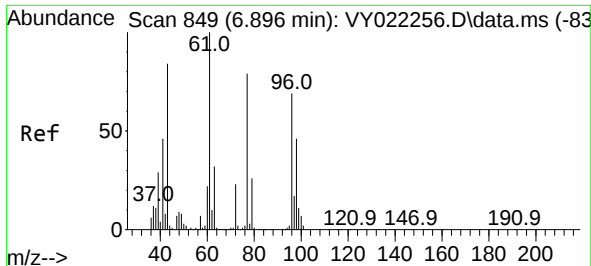
Reviewed By :Mahesh Dadoda 05/27/2025
 Supervised By :Semsettin Yesilyurt 05/27/2025



#24
 1,1-Dichloroethane
 Concen: 20.155 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY022418.D
 Acq: 23 May 2025 19:57

Tgt Ion: 63 Resp: 83911
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.5 10.5
 100 4.2 2.4 7.2





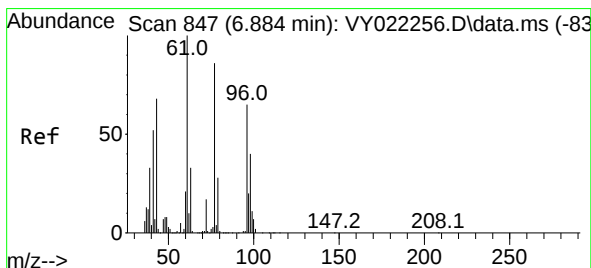
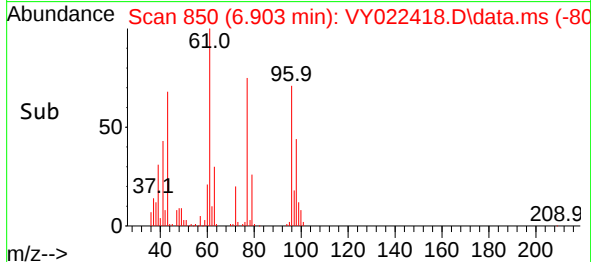
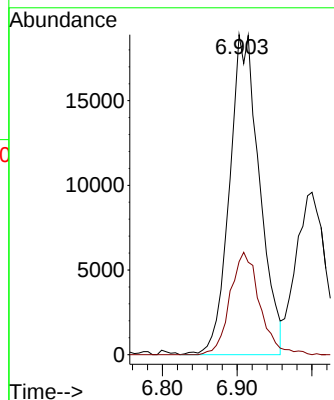
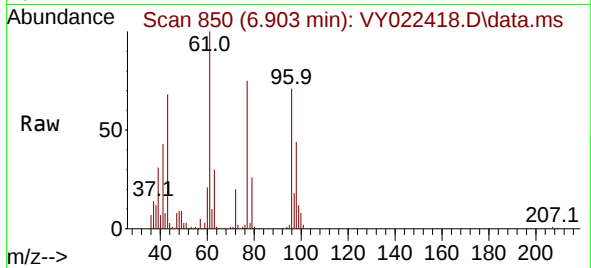
#25
2-Butanone
Concen: 82.062 ug/l
RT: 6.903 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY022418.D
Acq: 23 May 2025 19:57

Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBS02

Tgt Ion: 43 Resp: 52924
Ion Ratio Lower Upper
43 100
72 29.0 22.1 33.1

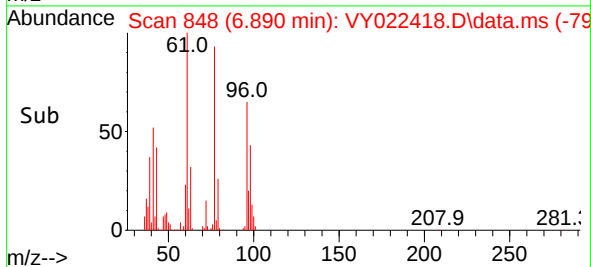
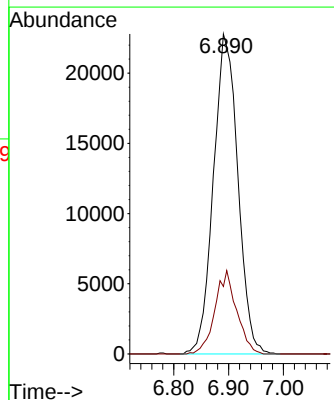
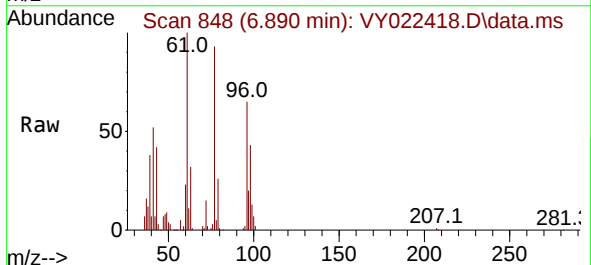
Manual Integrations
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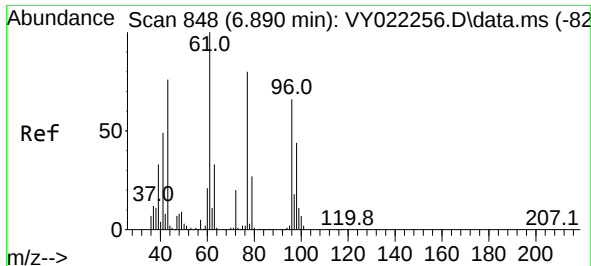
Reviewed By :Mahesh Dadoda 05/27/2025
Supervised By :Semsettin Yesilyurt 05/27/2025



#26
2,2-Dichloropropane
Concen: 19.047 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY022418.D
Acq: 23 May 2025 19:57

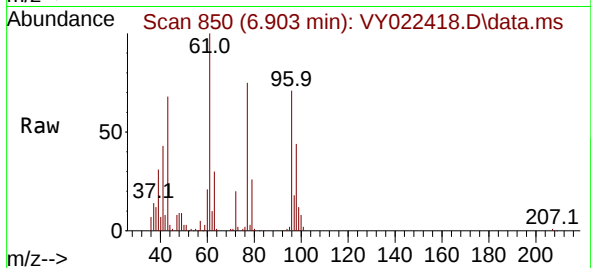
Tgt Ion: 77 Resp: 70529
Ion Ratio Lower Upper
77 100
97 23.2 11.2 33.5





#27
cis-1,2-Dichloroethene
Concen: 20.964 ug/l
RT: 6.903 min Scan# 848
Delta R.T. 0.012 min
Lab File: VY022418.D
Acq: 23 May 2025 19:57

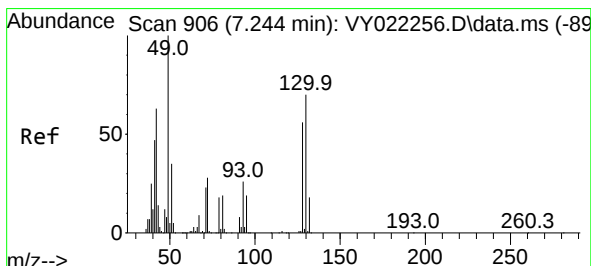
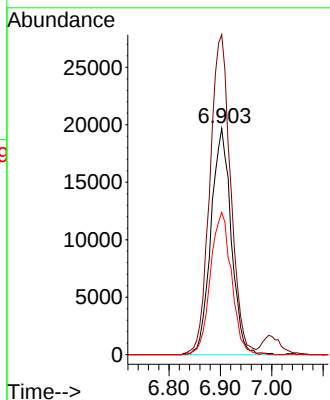
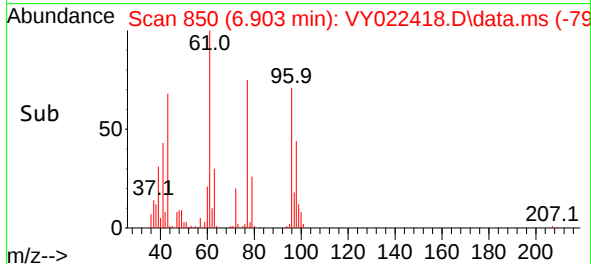
Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBS02



Tgt Ion: 96 Resp: 53739
Ion Ratio Lower Upper
96 100
61 145.3 0.0 302.6
98 65.1 0.0 128.8

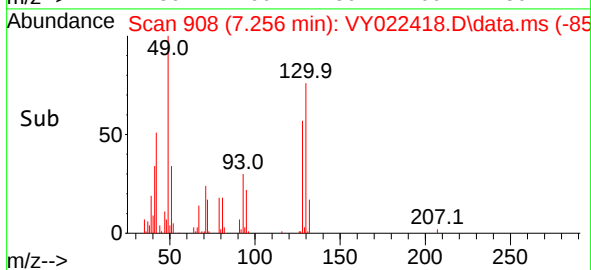
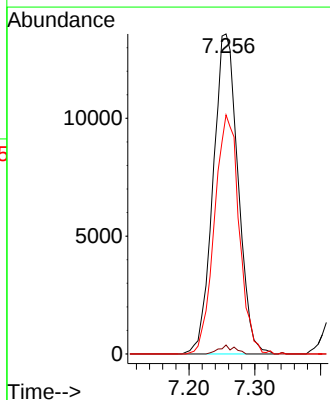
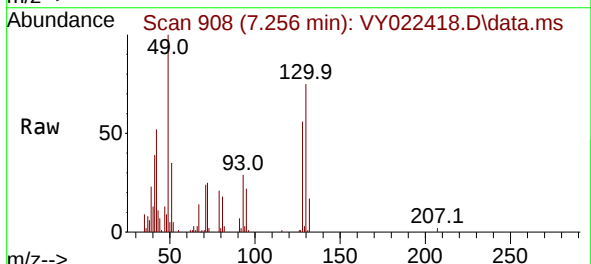
Manual Integrations
APPROVED

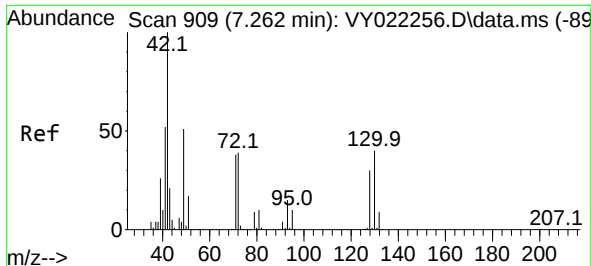
Reviewed By :Mahesh Dadoda 05/27/2025
Supervised By :Semsettin Yesilyurt 05/27/2025



#28
Bromochloromethane
Concen: 20.184 ug/l
RT: 7.256 min Scan# 908
Delta R.T. 0.012 min
Lab File: VY022418.D
Acq: 23 May 2025 19:57

Tgt Ion: 49 Resp: 35843
Ion Ratio Lower Upper
49 100
129 1.7 0.0 3.6
130 73.9 54.7 82.1





#29

Tetrahydrofuran

Concen: 90.008 ug/l

RT: 7.274 min Scan# 911

Delta R.T. 0.012 min

Lab File: VY022418.D

Acq: 23 May 2025 19:57

Instrument :

MSVOA_Y

ClientSampleId :

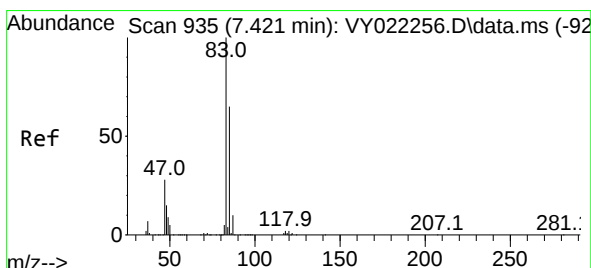
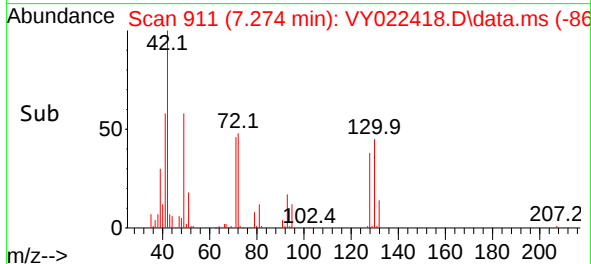
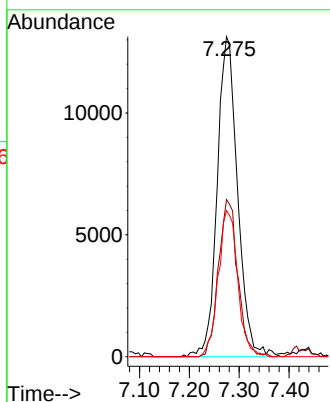
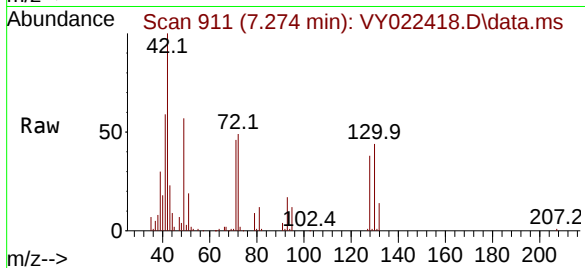
VY0523SBS02

Tgt Ion:	42	Resp:	37340
Ion Ratio	Lower	Upper	
42	100		
72	46.3	33.8	50.6
71	43.6	31.5	47.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/27/2025
Supervised By :Semsettin Yesilyurt 05/27/2025



#30

Chloroform

Concen: 21.014 ug/l

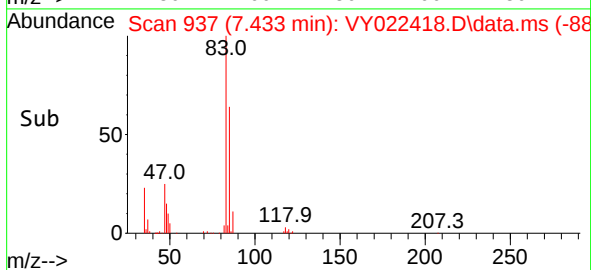
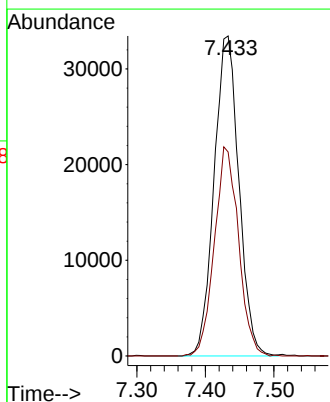
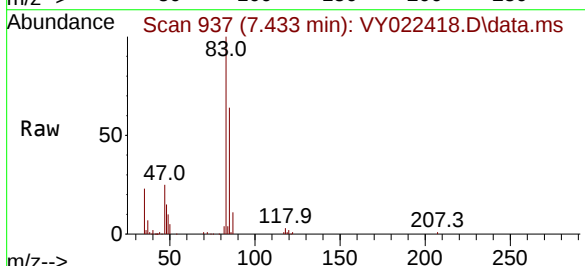
RT: 7.433 min Scan# 937

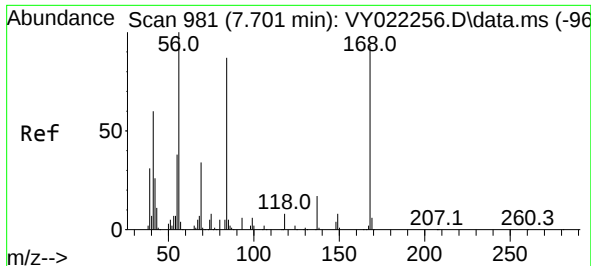
Delta R.T. 0.012 min

Lab File: VY022418.D

Acq: 23 May 2025 19:57

Tgt Ion:	83	Resp:	83918
Ion Ratio	Lower	Upper	
83	100		
85	63.8	51.8	77.8





#31

Cyclohexane

Concen: 19.560 ug/l

RT: 7.707 min Scan# 91

Delta R.T. 0.006 min

Lab File: VY022418.D

Acq: 23 May 2025 19:57

Instrument :

MSVOA_Y

ClientSampleId :

VY0523SBS02

Tgt Ion: 56 Resp: 81364

Ion Ratio Lower Upper

56 100

69 35.1 27.4 41.2

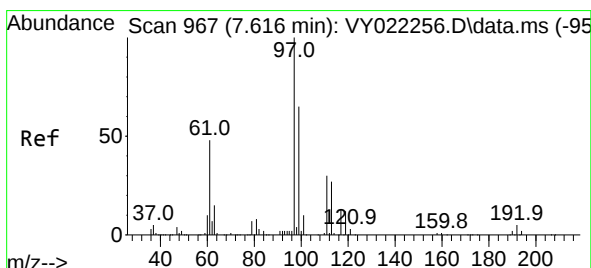
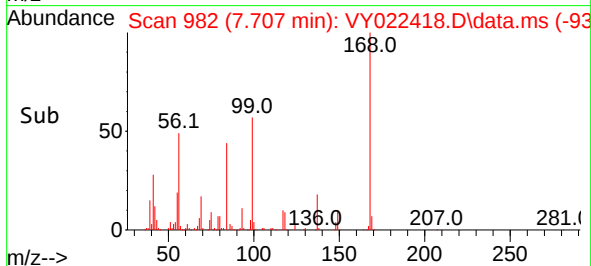
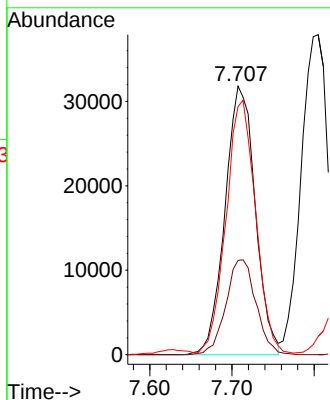
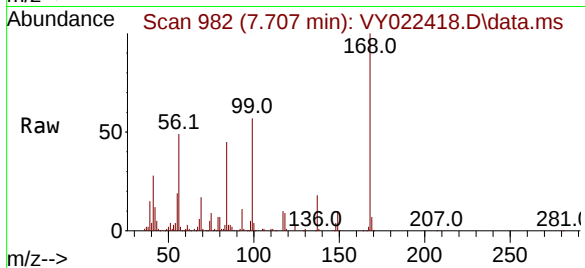
84 90.8 70.0 105.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/27/2025

Supervised By :Semsettin Yesilyurt 05/27/2025



#32

1,1,1-Trichloroethane

Concen: 20.888 ug/l

RT: 7.628 min Scan# 969

Delta R.T. 0.012 min

Lab File: VY022418.D

Acq: 23 May 2025 19:57

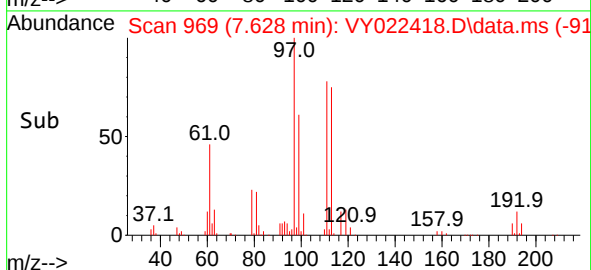
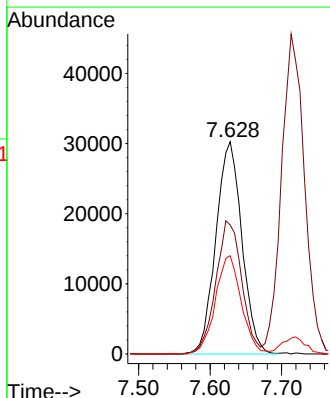
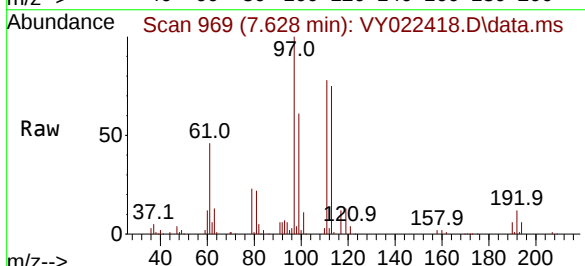
Tgt Ion: 97 Resp: 76528

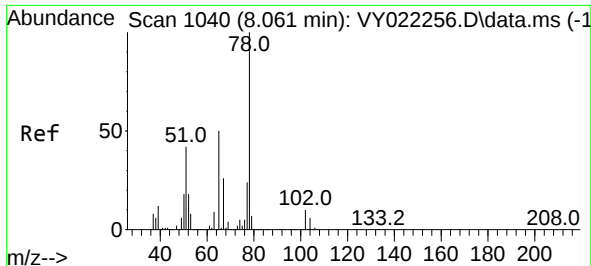
Ion Ratio Lower Upper

97 100

99 62.5 51.4 77.0

61 46.1 38.1 57.1





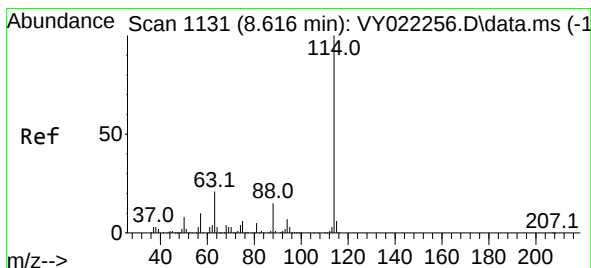
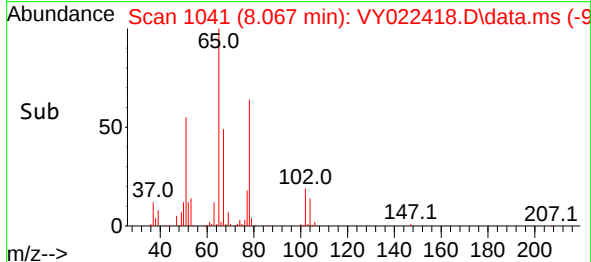
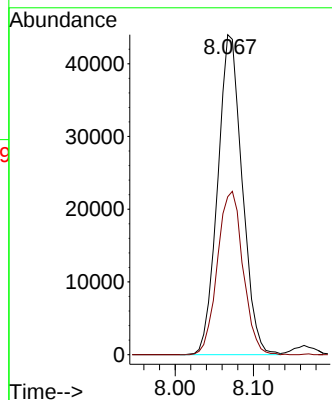
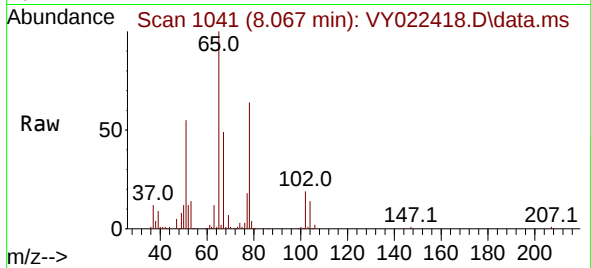
#33
1,2-Dichloroethane-d4
Concen: 46.629 ug/l
RT: 8.067 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY022418.D
Acq: 23 May 2025 19:57

Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBS02

Tgt Ion: 65 Resp: 9588
Ion Ratio Lower Upper
65 100
67 53.2 0.0 104.6

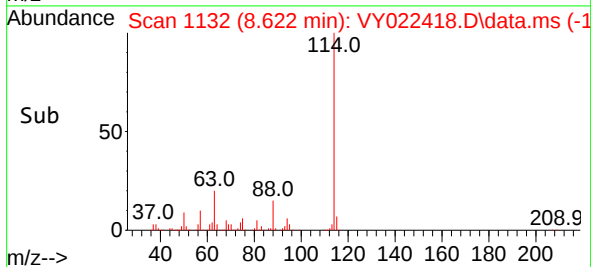
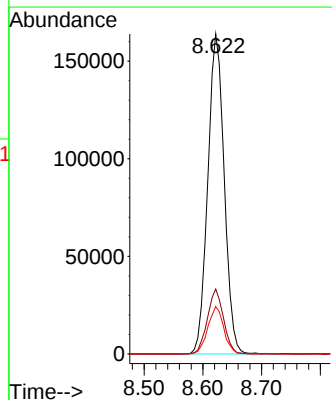
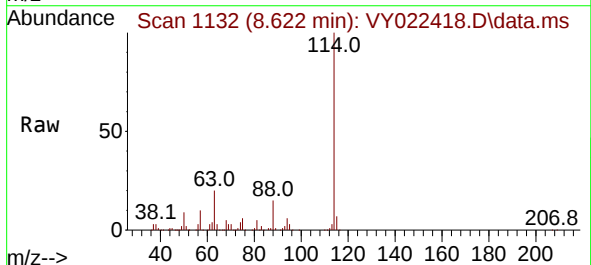
Manual Integrations
APPROVED

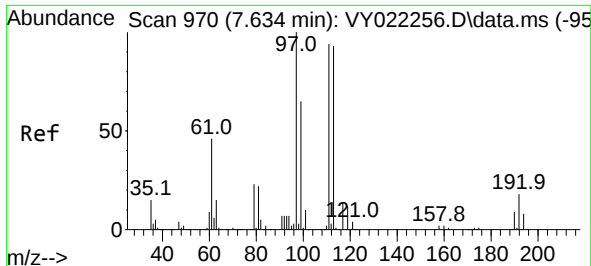
Reviewed By :Mahesh Dadoda 05/27/2025
Supervised By :Semsettin Yesilyurt 05/27/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. 0.006 min
Lab File: VY022418.D
Acq: 23 May 2025 19:57

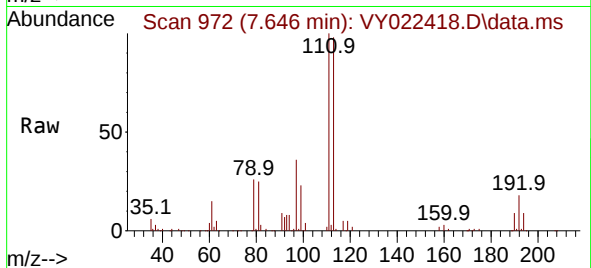
Tgt Ion:114 Resp: 318316
Ion Ratio Lower Upper
114 100
63 20.3 0.0 41.0
88 14.8 0.0 29.4





#35
Dibromofluoromethane
Concen: 47.776 ug/l
RT: 7.646 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY022418.D
Acq: 23 May 2025 19:57

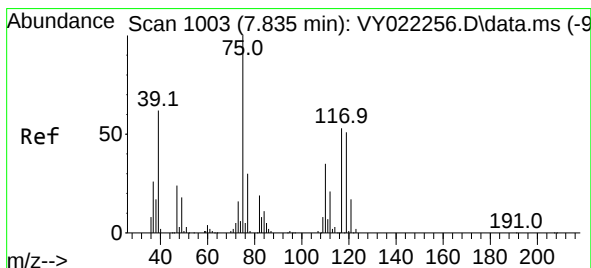
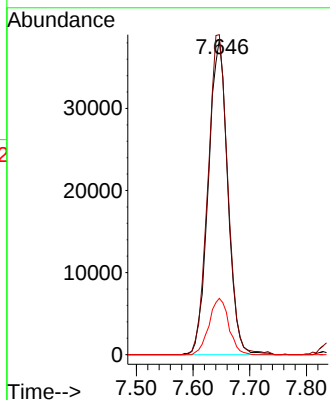
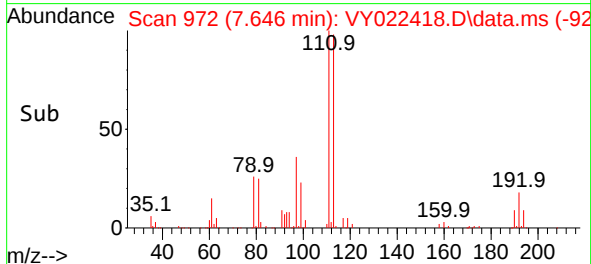
Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBS02



Tgt Ion: 113 Resp: 90770
Ion Ratio Lower Upper
113 100
111 104.2 82.6 123.8
192 18.2 15.2 22.8

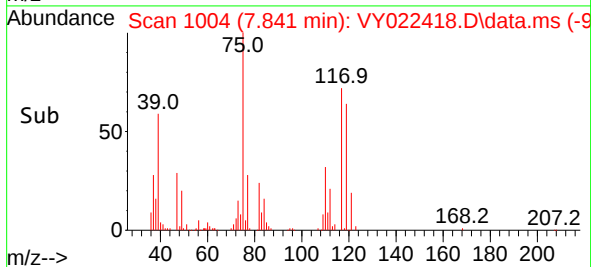
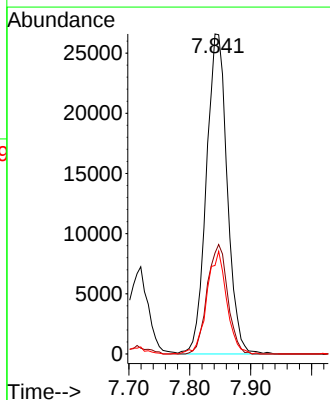
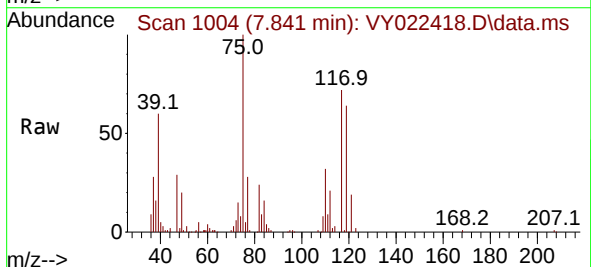
Manual Integrations
APPROVED

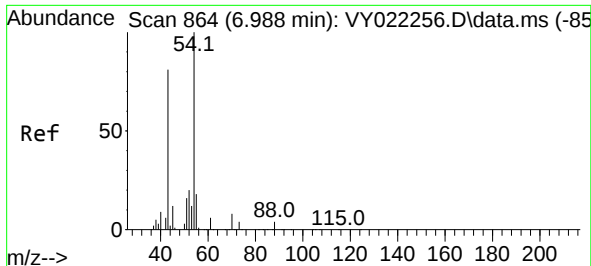
Reviewed By :Mahesh Dadoda 05/27/2025
Supervised By :Semsettin Yesilyurt 05/27/2025



#36
1,1-Dichloropropene
Concen: 20.221 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.006 min
Lab File: VY022418.D
Acq: 23 May 2025 19:57

Tgt Ion: 75 Resp: 63277
Ion Ratio Lower Upper
75 100
110 33.7 16.6 49.8
77 30.6 24.6 37.0





#37

Ethyl Acetate

Concen: 17.834 ug/l

RT: 7.000 min Scan# 80

Delta R.T. 0.012 min

Lab File: VY022418.D

Acq: 23 May 2025 19:57

Instrument :

MSVOA_Y

ClientSampleId :

VY0523SBS02

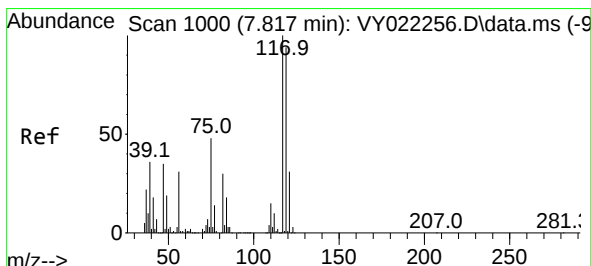
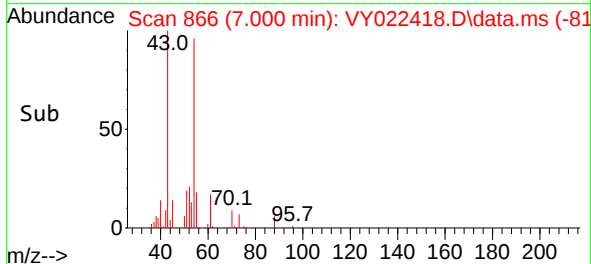
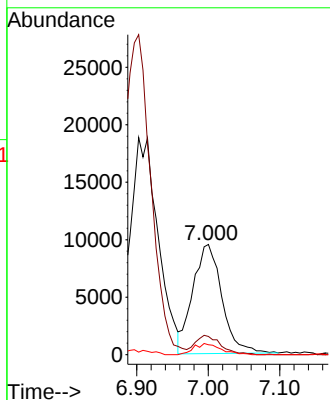
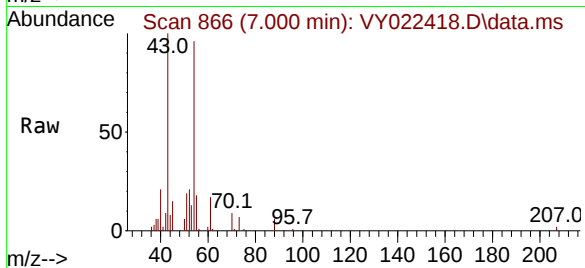
Tgt Ion: 43 Resp: 2685

Ion	Ratio	Lower	Upper
43	100		
61	15.5	10.2	15.2
70	9.4	7.6	11.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/27/2025
Supervised By :Semsettin Yesilyurt 05/27/2025



#38

Carbon Tetrachloride

Concen: 20.403 ug/l

RT: 7.829 min Scan# 1002

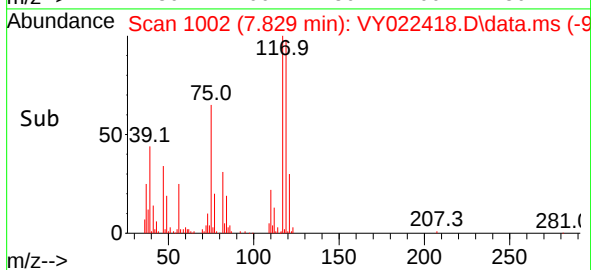
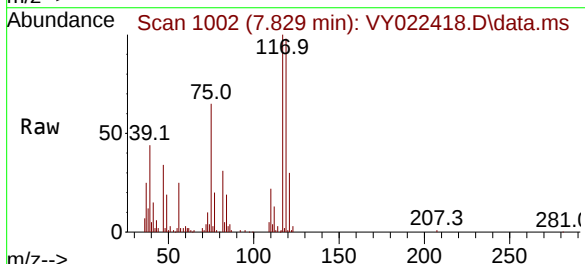
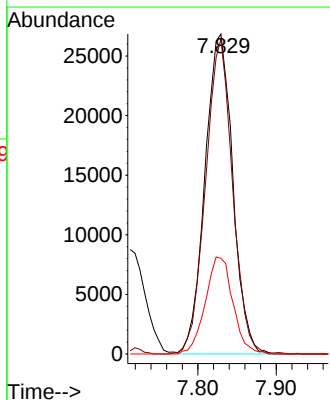
Delta R.T. 0.012 min

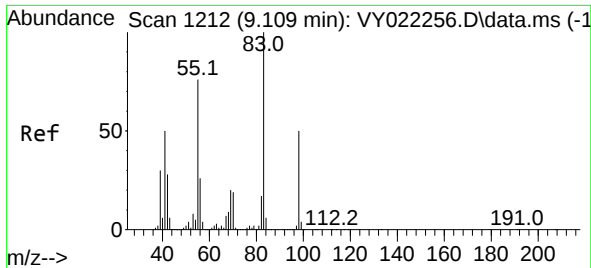
Lab File: VY022418.D

Acq: 23 May 2025 19:57

Tgt Ion:117 Resp: 66090

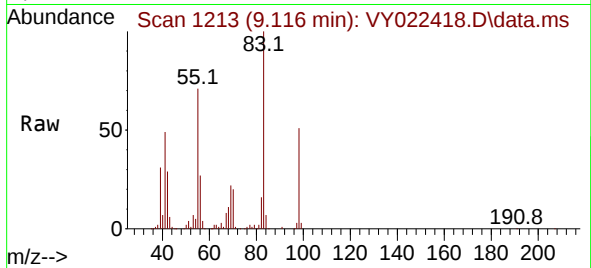
Ion	Ratio	Lower	Upper
117	100		
119	97.9	75.3	112.9
121	29.9	24.7	37.1





#39
Methylcyclohexane
Concen: 20.445 ug/l
RT: 9.116 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY022418.D
Acq: 23 May 2025 19:57

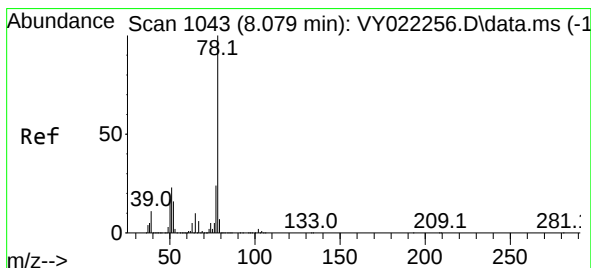
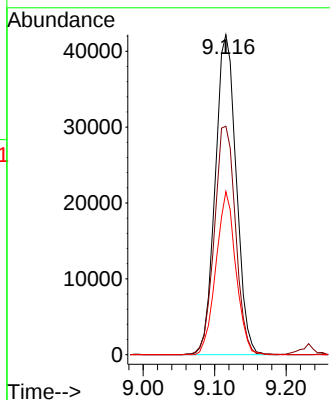
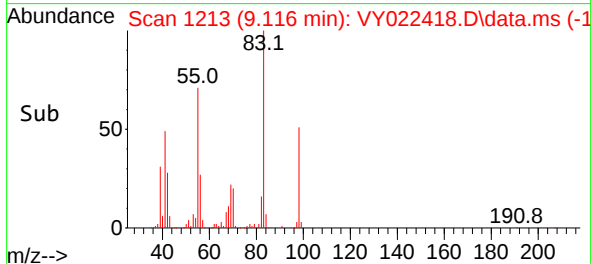
Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBS02



Tgt Ion: 83 Resp: 8595
Ion Ratio Lower Upper
83 100
55 71.4 60.6 90.8
98 51.0 40.0 60.0

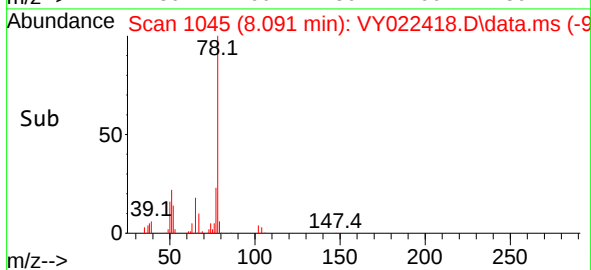
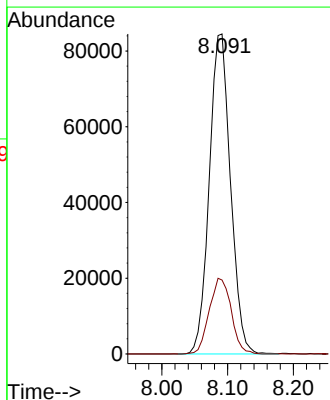
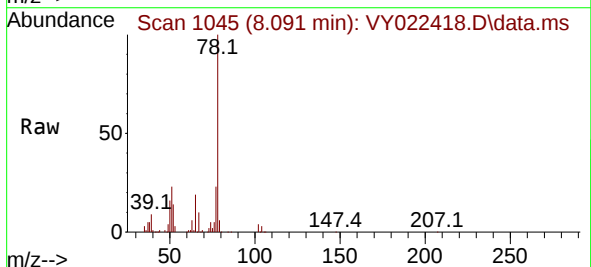
Manual Integrations
APPROVED

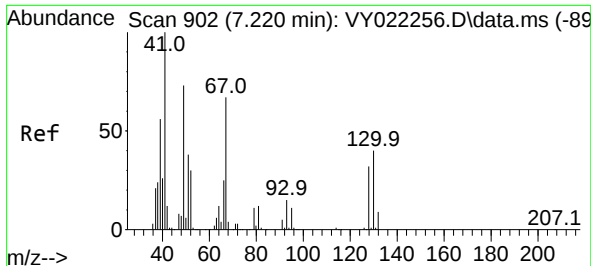
Reviewed By :Mahesh Dadoda 05/27/2025
Supervised By :Semsettin Yesilyurt 05/27/2025



#40
Benzene
Concen: 20.448 ug/l
RT: 8.091 min Scan# 1045
Delta R.T. 0.012 min
Lab File: VY022418.D
Acq: 23 May 2025 19:57

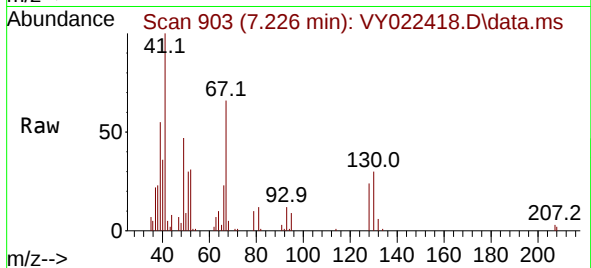
Tgt Ion: 78 Resp: 189699
Ion Ratio Lower Upper
78 100
77 23.1 18.9 28.3





#41
Methacrylonitrile
Concen: 15.745 ug/l
RT: 7.226 min Scan# 902
Delta R.T. 0.006 min
Lab File: VY022418.D
Acq: 23 May 2025 19:57

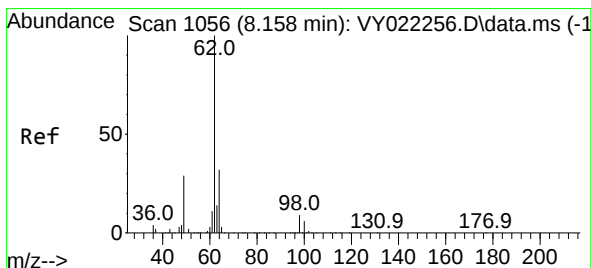
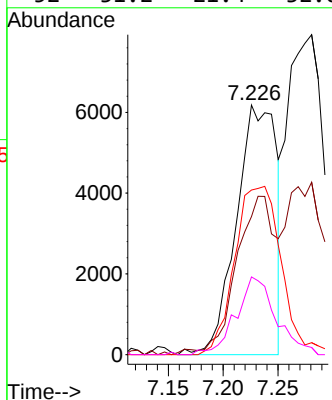
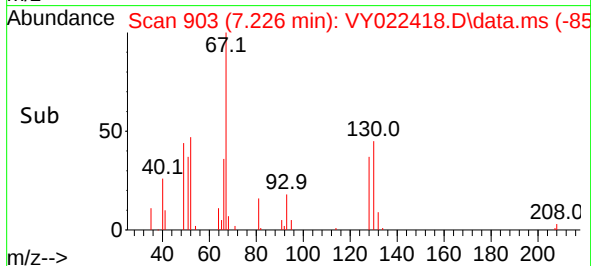
Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBS02



Tgt Ion: 41 Resp: 15720
Ion Ratio Lower Upper
41 100
39 61.8 39.1 58.7
67 78.2 47.1 70.7
52 31.2 21.4 32.0

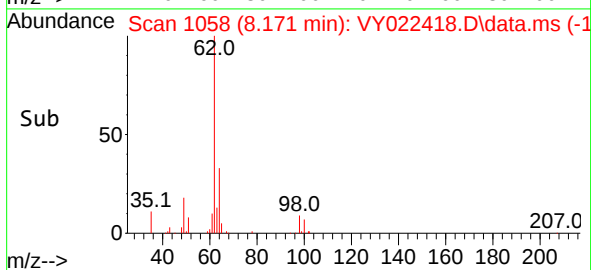
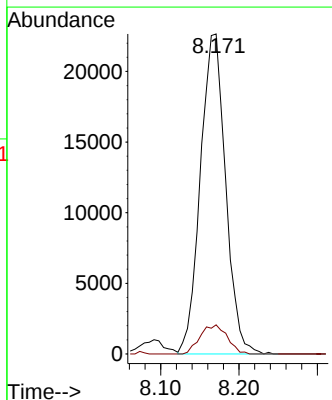
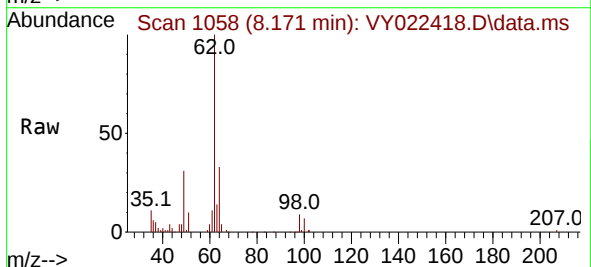
Manual Integrations
APPROVED

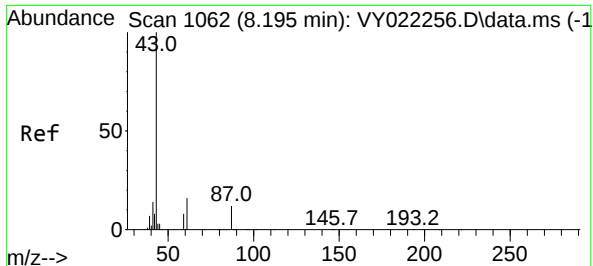
Reviewed By :Mahesh Dadoda 05/27/2025
Supervised By :Semsettin Yesilyurt 05/27/2025



#42
1,2-Dichloroethane
Concen: 20.222 ug/l
RT: 8.171 min Scan# 1058
Delta R.T. 0.012 min
Lab File: VY022418.D
Acq: 23 May 2025 19:57

Tgt Ion: 62 Resp: 50732
Ion Ratio Lower Upper
62 100
98 9.8 0.0 18.4





#43

Isopropyl Acetate

Concen: 16.972 ug/l

RT: 8.207 min Scan# 1064

Delta R.T. 0.012 min

Lab File: VY022418.D

Acq: 23 May 2025 19:57

Instrument :

MSVOA_Y

ClientSampleId :

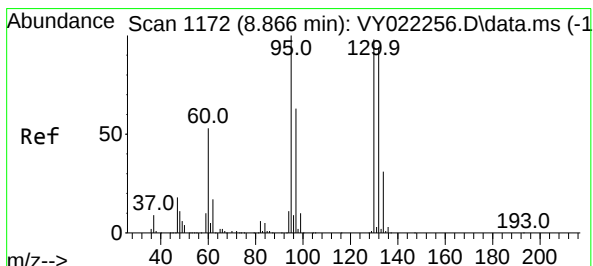
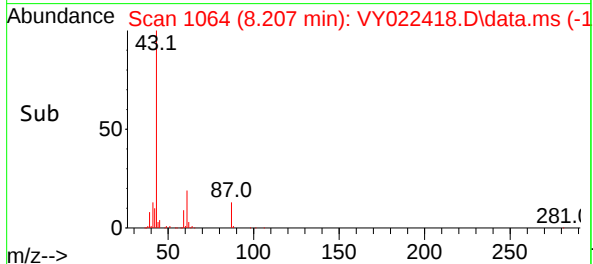
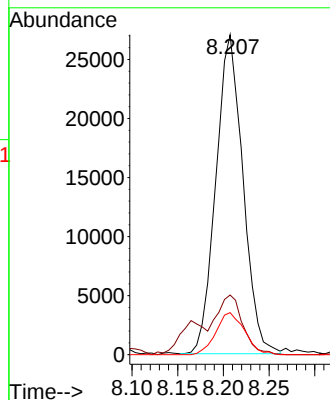
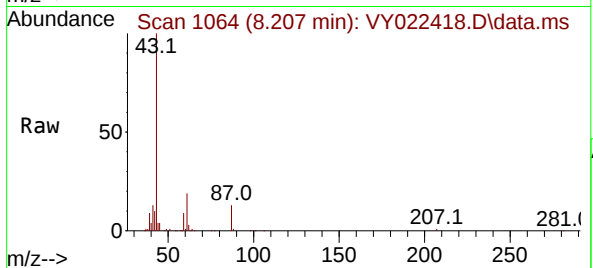
VY0523SBS02

Tgt Ion: 43	Resp: 5573
Ion Ratio	Lower Upper
43	100
61	18.0 15.1 22.7
87	14.0 9.7 14.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/27/2025
Supervised By :Semsettin Yesilyurt 05/27/2025



#44

Trichloroethene

Concen: 20.389 ug/l

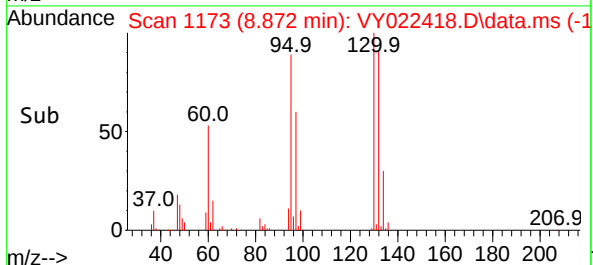
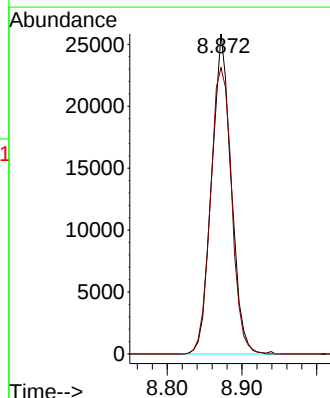
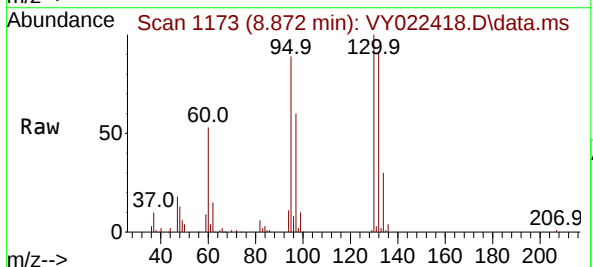
RT: 8.872 min Scan# 1173

Delta R.T. 0.006 min

Lab File: VY022418.D

Acq: 23 May 2025 19:57

Tgt Ion:130	Resp: 47030
Ion Ratio	Lower Upper
130	100
95	89.4 0.0 204.8





#45

1,2-Dichloropropane

Concen: 19.774 ug/l

RT: 9.146 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VY022418.D

Acq: 23 May 2025 19:57

Instrument :

MSVOA_Y

ClientSampleId :

VY0523SBS02

Tgt Ion: 63 Resp: 4422

Ion Ratio Lower Upper

63 100

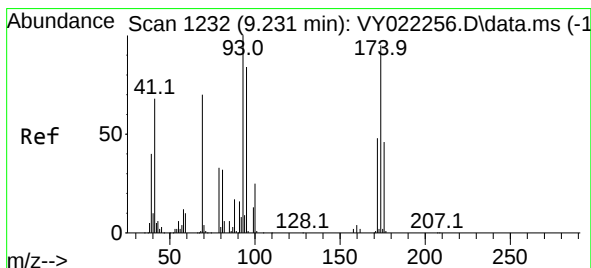
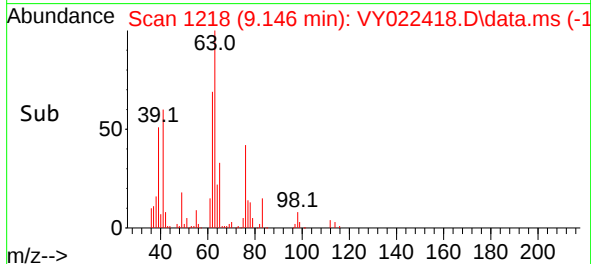
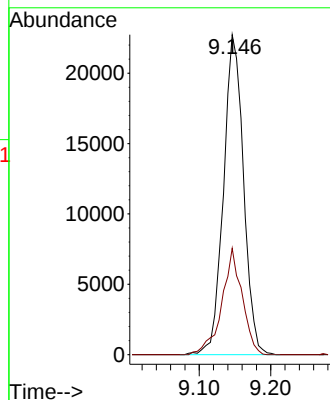
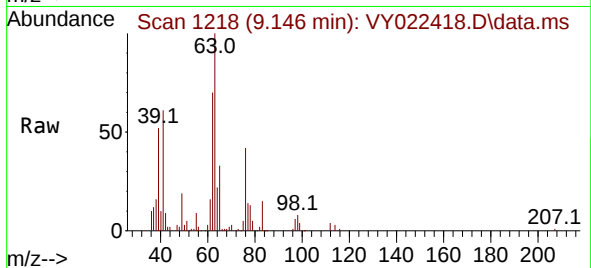
65 33.2 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/27/2025

Supervised By :Semsettin Yesilyurt 05/27/2025



#46

Dibromomethane

Concen: 20.286 ug/l

RT: 9.238 min Scan# 1233

Delta R.T. 0.006 min

Lab File: VY022418.D

Acq: 23 May 2025 19:57

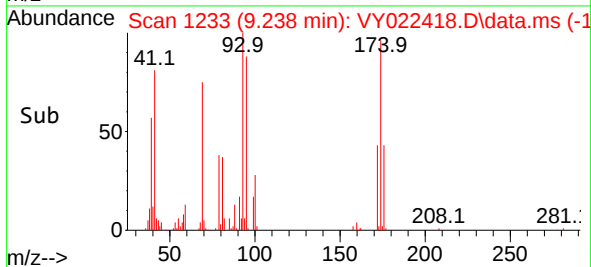
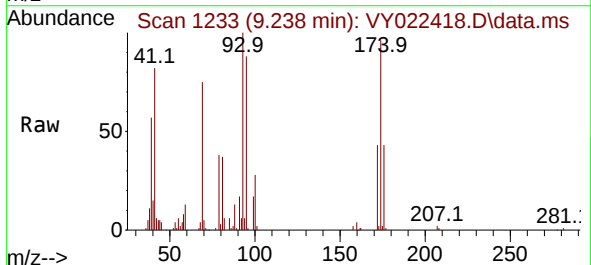
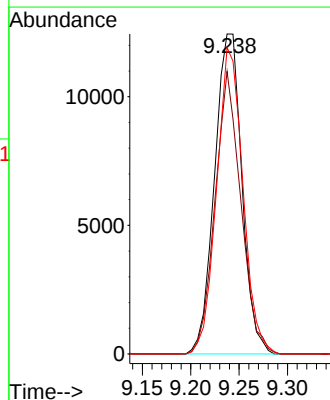
Tgt Ion: 93 Resp: 24472

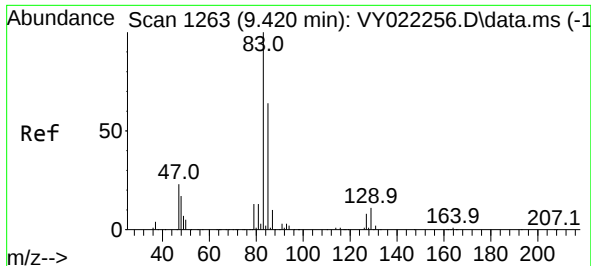
Ion Ratio Lower Upper

93 100

95 83.0 65.2 97.8

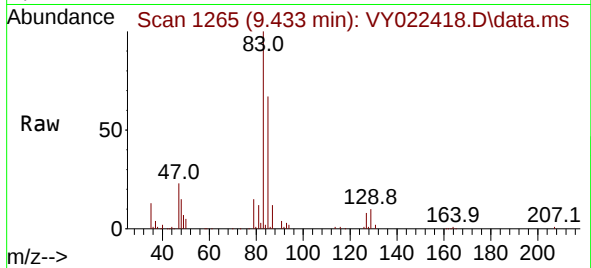
174 92.1 74.3 111.5





#47
Bromodichloromethane
Concen: 20.215 ug/l
RT: 9.433 min Scan# 1265
Delta R.T. 0.012 min
Lab File: VY022418.D
Acq: 23 May 2025 19:57

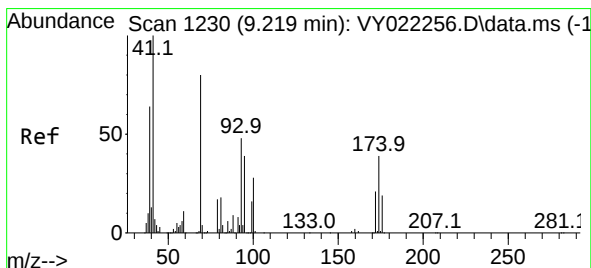
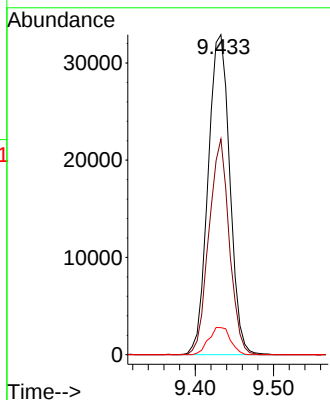
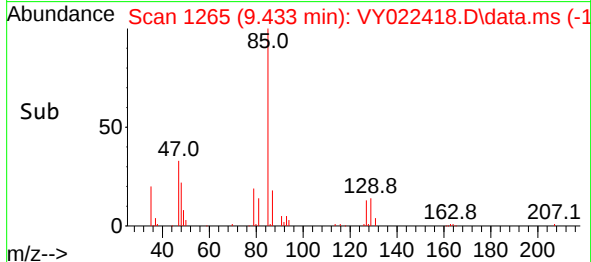
Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBS02



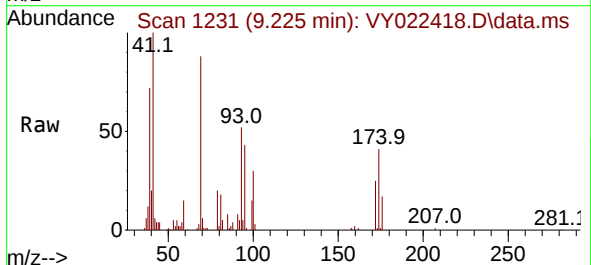
Tgt Ion: 83 Resp: 63262
Ion Ratio Lower Upper
83 100
85 67.4 51.1 76.7
127 8.5 6.6 10.0

Manual Integrations
APPROVED

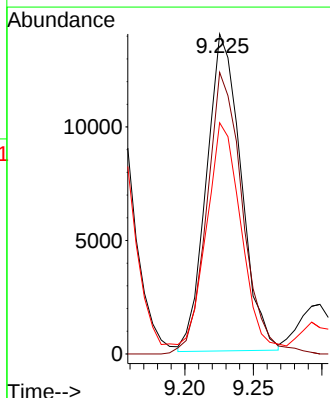
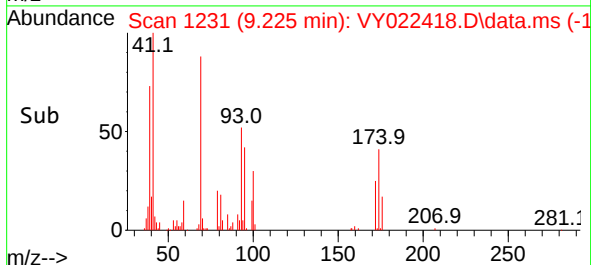
Reviewed By :Mahesh Dadoda 05/27/2025
Supervised By :Semsettin Yesilyurt 05/27/2025

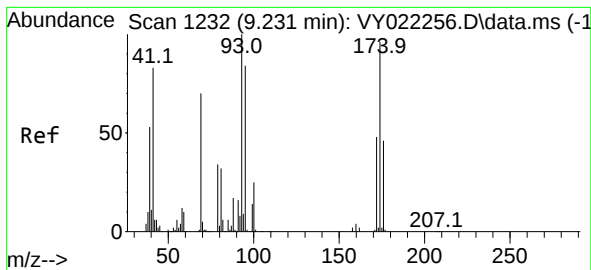


#48
Methyl methacrylate
Concen: 15.982 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY022418.D
Acq: 23 May 2025 19:57



Tgt Ion: 41 Resp: 24543
Ion Ratio Lower Upper
41 100
69 91.3 63.5 95.3
39 68.5 50.8 76.2





#49

1,4-Dioxane

Concen: 388.613 ug/l

RT: 9.250 min Scan# 11

Delta R.T. 0.018 min

Lab File: VY022418.D

Acq: 23 May 2025 19:57

Instrument :

MSVOA_Y

ClientSampleId :

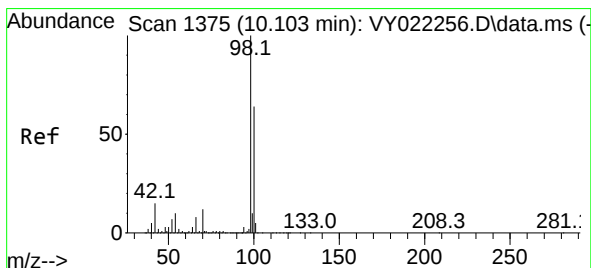
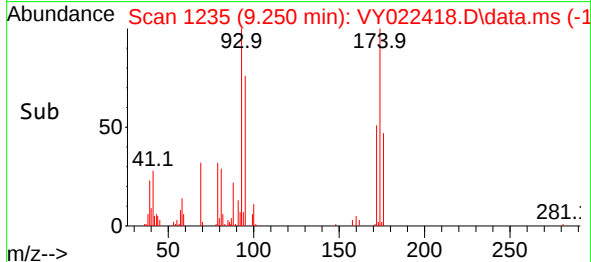
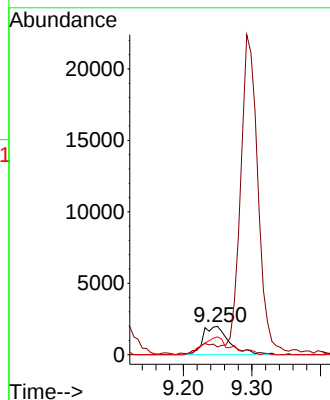
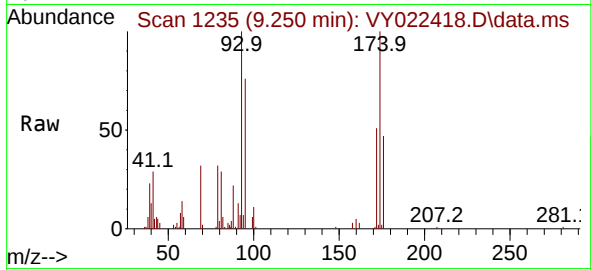
VY0523SBS02

Tgt Ion: 88 Resp: 5290
 Ion Ratio Lower Upper
 88 100
 43 29.2 28.5 42.7
 58 60.3 61.4 92.2

Manual Integrations

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Reviewed By :Mahesh Dadoda 05/27/2025
 Supervised By :Semsettin Yesilyurt 05/27/2025



#50

Toluene-d8

Concen: 47.137 ug/l

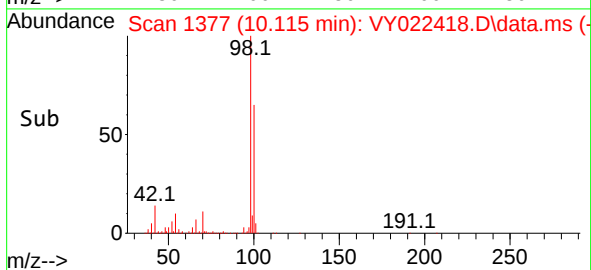
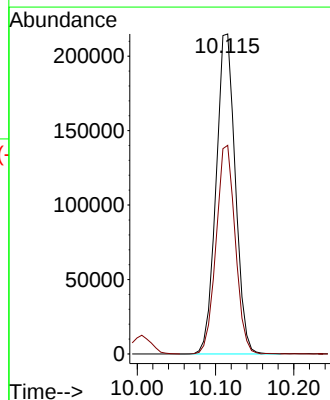
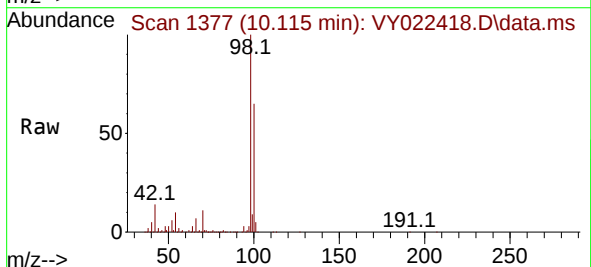
RT: 10.115 min Scan# 1377

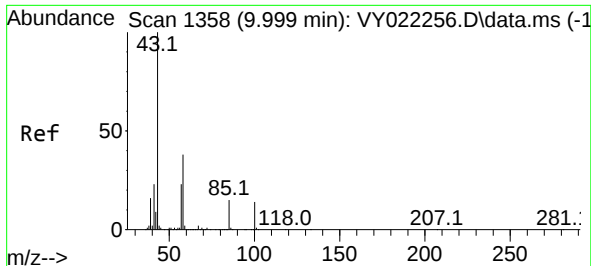
Delta R.T. 0.012 min

Lab File: VY022418.D

Acq: 23 May 2025 19:57

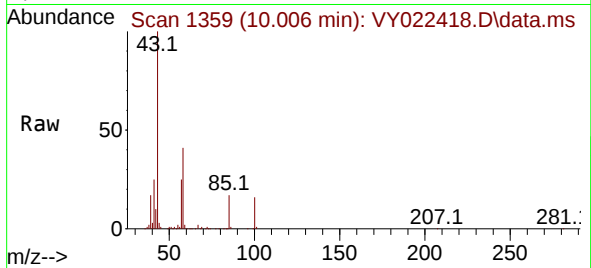
Tgt Ion: 98 Resp: 366782
 Ion Ratio Lower Upper
 98 100
 100 65.0 51.8 77.8





#51
4-Methyl-2-Pentanone
Concen: 84.398 ug/l
RT: 10.006 min Scan# 1359
Delta R.T. 0.006 min
Lab File: VY022418.D
Acq: 23 May 2025 19:57

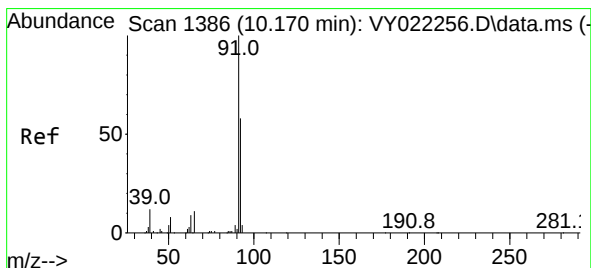
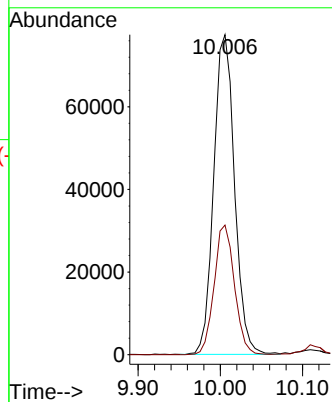
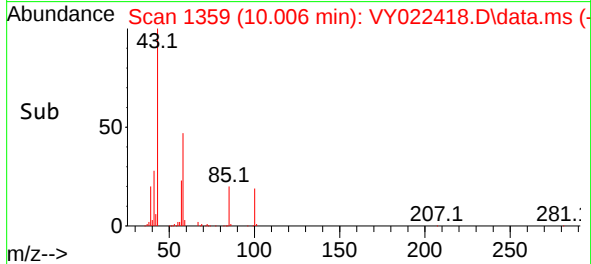
Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBS02



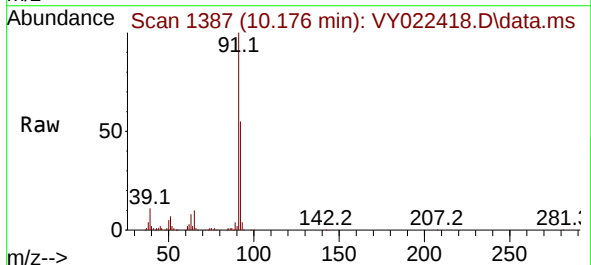
Tgt Ion: 43 Resp: 135984
Ion Ratio Lower Upper
43 100
58 39.7 29.4 44.2

Manual Integrations
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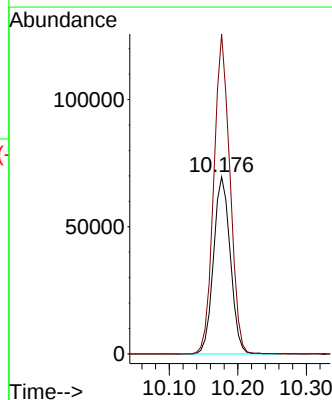
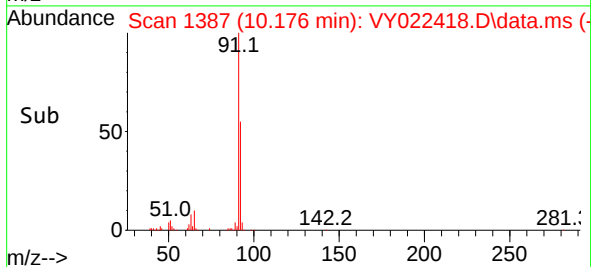
Reviewed By :Mahesh Dadoda 05/27/2025
Supervised By :Semsettin Yesilyurt 05/27/2025

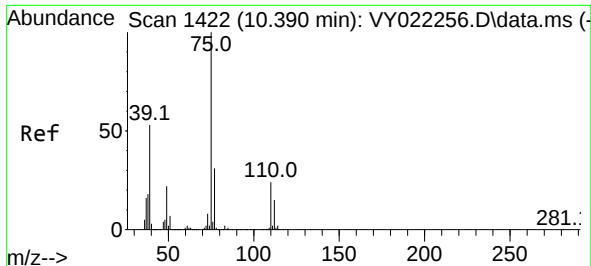


#52
Toluene
Concen: 20.084 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. 0.006 min
Lab File: VY022418.D
Acq: 23 May 2025 19:57



Tgt Ion: 92 Resp: 117986
Ion Ratio Lower Upper
92 100
91 174.3 139.1 208.7





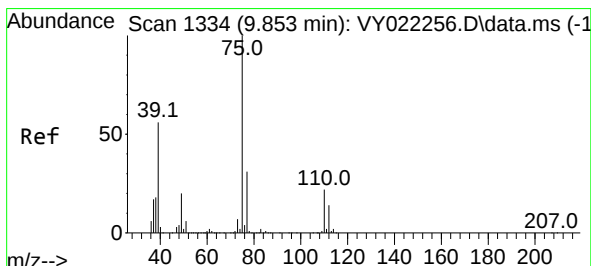
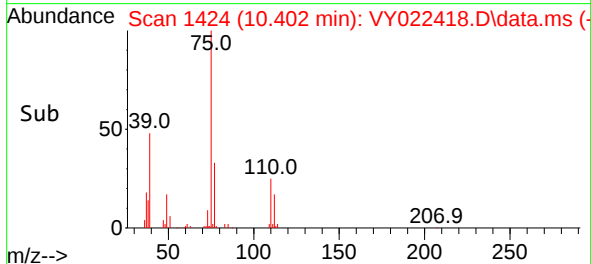
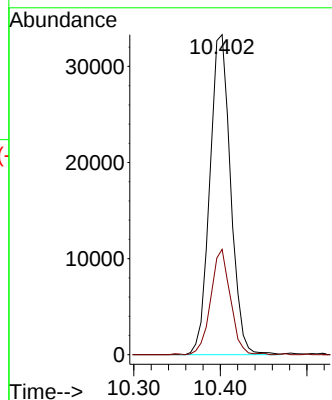
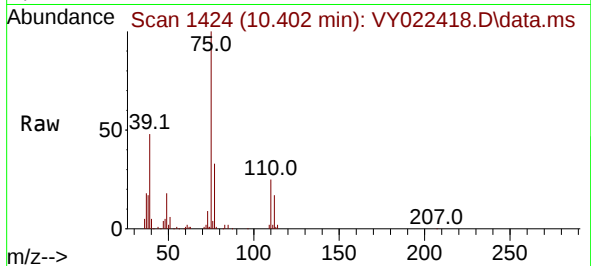
#53
t-1,3-Dichloropropene
Concen: 18.208 ug/l
RT: 10.402 min Scan# 1424
Delta R.T. 0.012 min
Lab File: VY022418.D
Acq: 23 May 2025 19:57

Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBS02

Tgt Ion: 75 Resp: 5561
Ion Ratio Lower Upper
75 100
77 32.7 25.0 37.6

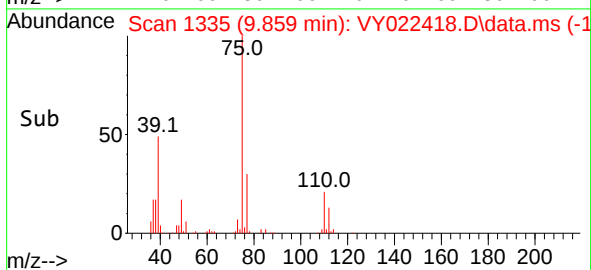
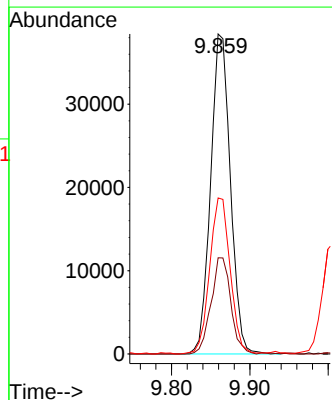
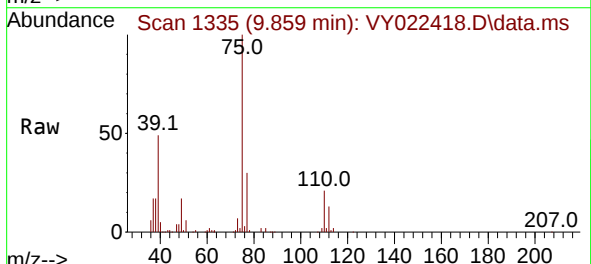
Manual Integrations
APPROVED

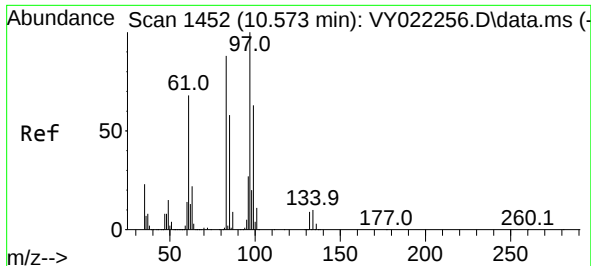
Reviewed By :Mahesh Dadoda 05/27/2025
Supervised By :Semsettin Yesilyurt 05/27/2025



#54
cis-1,3-Dichloropropene
Concen: 19.240 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.006 min
Lab File: VY022418.D
Acq: 23 May 2025 19:57

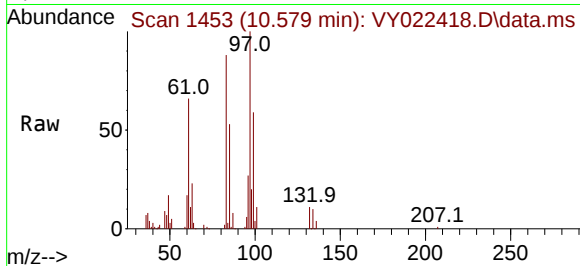
Tgt Ion: 75 Resp: 67324
Ion Ratio Lower Upper
75 100
77 30.1 25.1 37.7
39 48.8 44.5 66.7





#55
 1,1,2-Trichloroethane
 Concen: 20.316 ug/l
 RT: 10.579 min Scan# 1452
 Delta R.T. 0.006 min
 Lab File: VY022418.D
 Acq: 23 May 2025 19:57

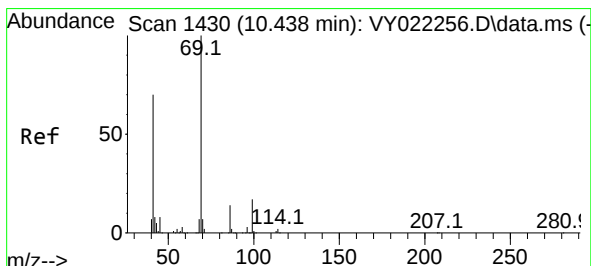
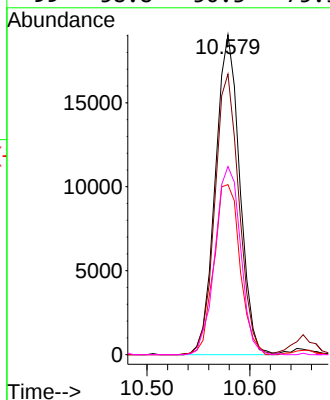
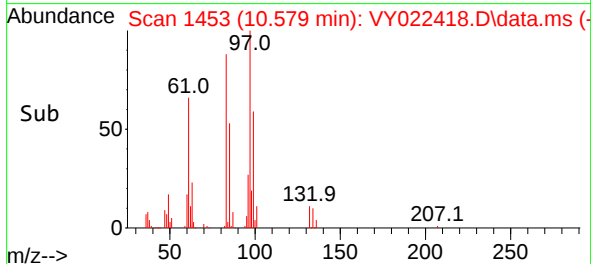
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0523SBS02



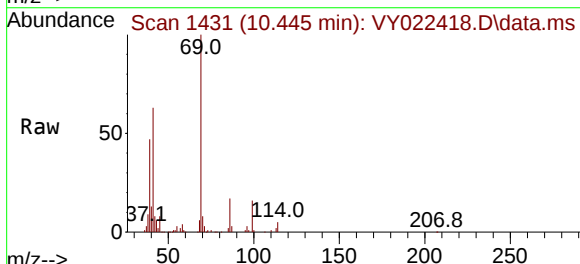
Tgt Ion: 97	Resp: 3138
Ion Ratio	Lower Upper
97 100	
83 87.7	70.3 105.5
85 53.1	46.2 69.4
99 58.8	50.3 75.5

Manual Integrations
 APPROVED

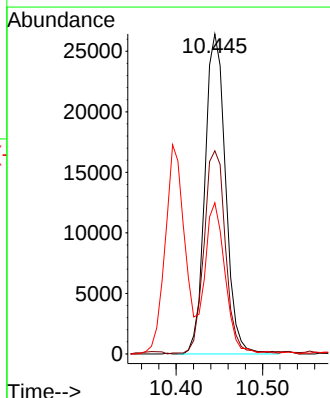
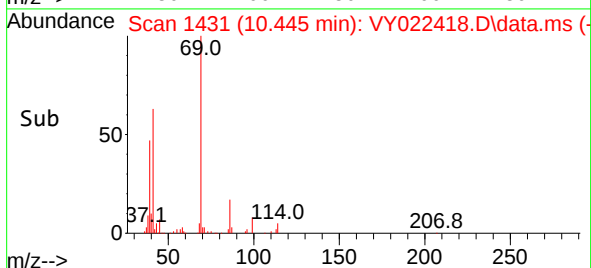
Reviewed By :Mahesh Dadoda 05/27/2025
 Supervised By :Semsettin Yesilyurt 05/27/2025

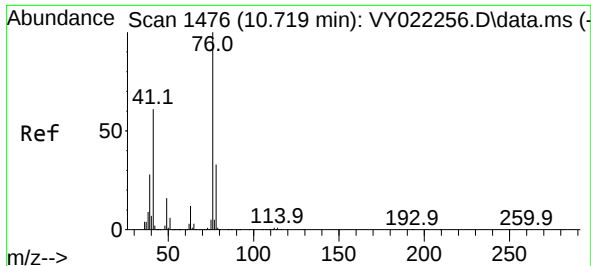


#56
 Ethyl methacrylate
 Concen: 18.187 ug/l
 RT: 10.445 min Scan# 1431
 Delta R.T. 0.006 min
 Lab File: VY022418.D
 Acq: 23 May 2025 19:57



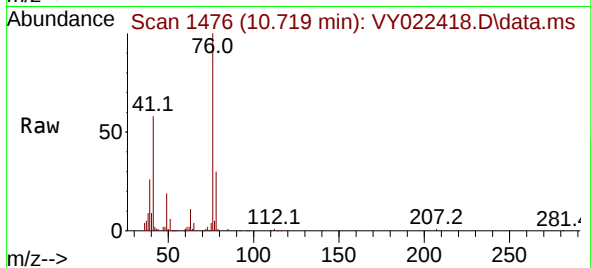
Tgt Ion: 69	Resp: 43763
Ion Ratio	Lower Upper
69 100	
41 65.1	56.5 84.7
39 45.4	37.1 55.7





#57
1,3-Dichloropropane
Concen: 20.143 ug/l
RT: 10.719 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VY022418.D
Acq: 23 May 2025 19:57

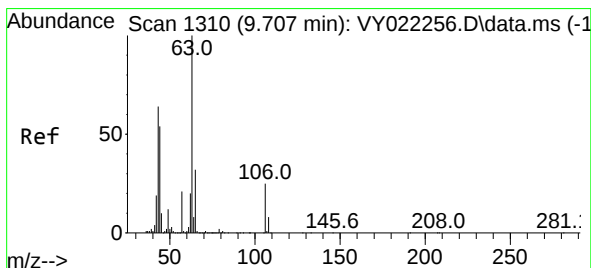
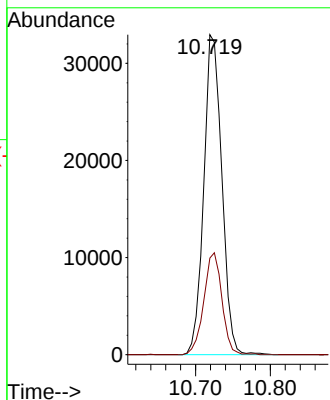
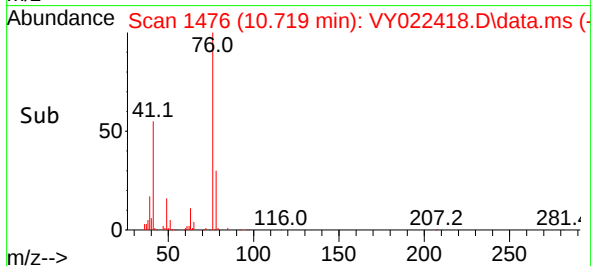
Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBS02



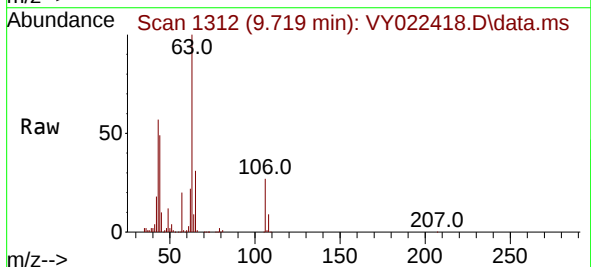
Tgt Ion: 76 Resp: 55280
Ion Ratio Lower Upper
76 100
78 32.0 25.8 38.8

Manual Integrations
APPROVED

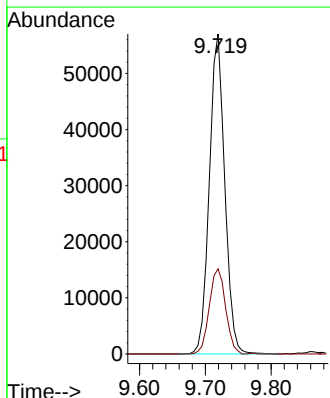
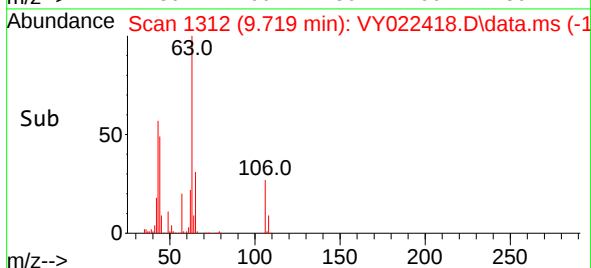
Reviewed By :Mahesh Dadoda 05/27/2025
Supervised By :Semsettin Yesilyurt 05/27/2025

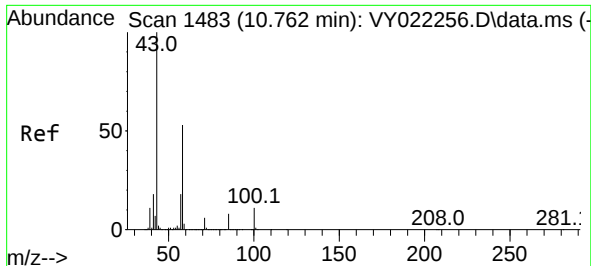


#58
2-Chloroethyl Vinyl ether
Concen: 86.187 ug/l
RT: 9.719 min Scan# 1312
Delta R.T. 0.012 min
Lab File: VY022418.D
Acq: 23 May 2025 19:57



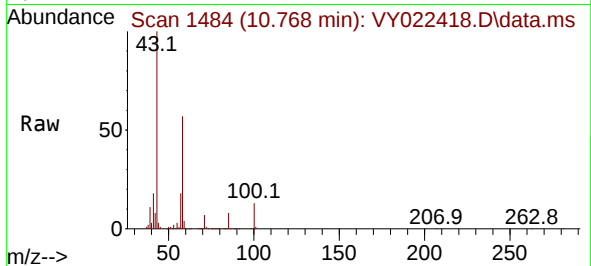
Tgt Ion: 63 Resp: 93085
Ion Ratio Lower Upper
63 100
106 28.1 21.0 31.4





#59
2-Hexanone
Concen: 83.244 ug/l
RT: 10.768 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VY022418.D
Acq: 23 May 2025 19:57

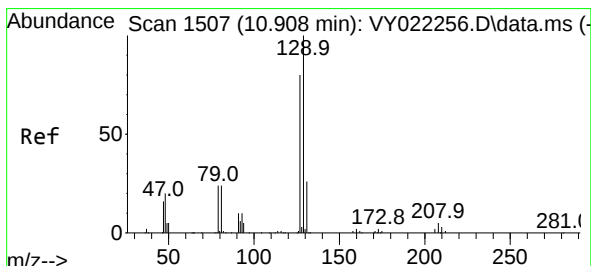
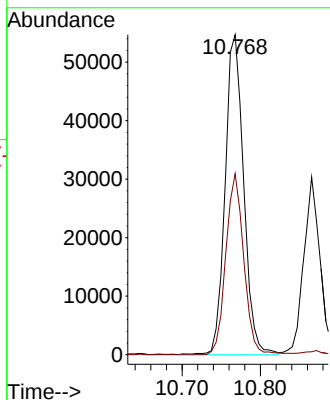
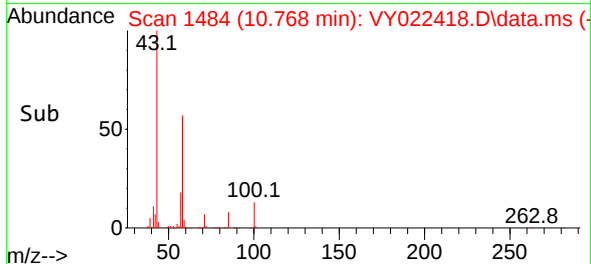
Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBS02



Tgt Ion: 43 Resp: 89929
Ion Ratio Lower Upper
43 100
58 54.9 26.1 78.3

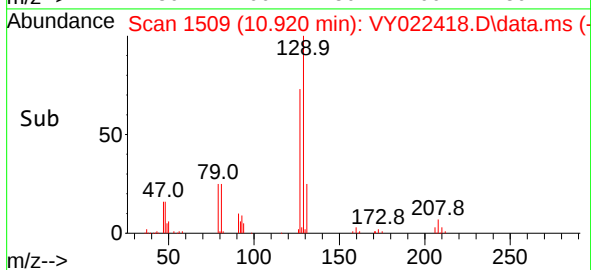
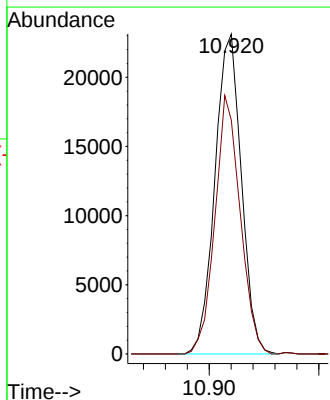
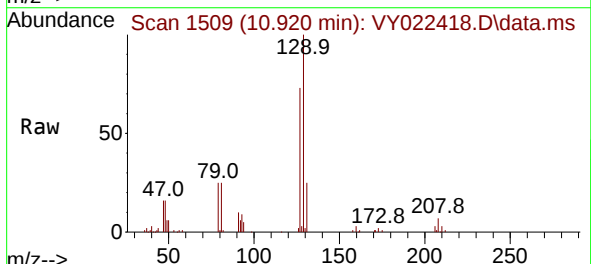
Manual Integrations
APPROVED

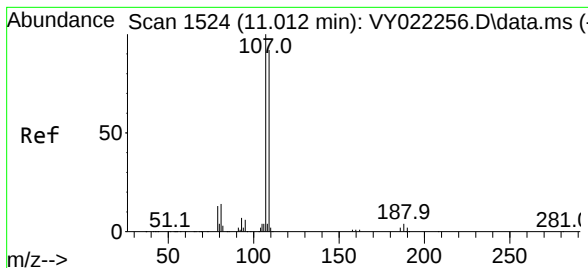
Reviewed By :Mahesh Dadoda 05/27/2025
Supervised By :Semsettin Yesilyurt 05/27/2025



#60
Dibromochloromethane
Concen: 19.327 ug/l
RT: 10.920 min Scan# 1509
Delta R.T. 0.012 min
Lab File: VY022418.D
Acq: 23 May 2025 19:57

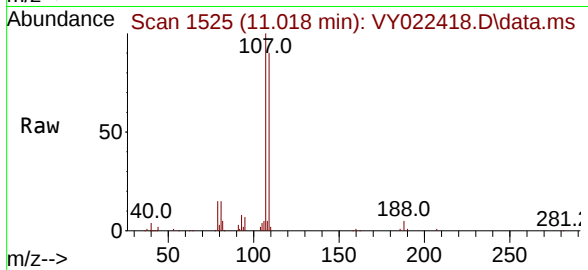
Tgt Ion:129 Resp: 38750
Ion Ratio Lower Upper
129 100
127 77.2 38.6 115.7





#61
1,2-Dibromoethane
Concen: 19.551 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. 0.006 min
Lab File: VY022418.D
Acq: 23 May 2025 19:57

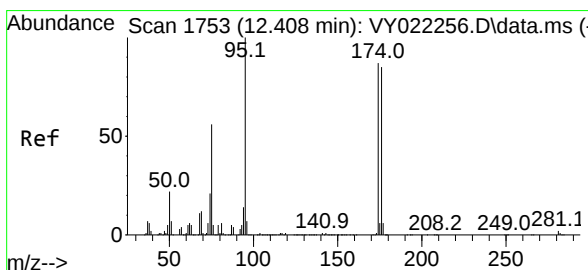
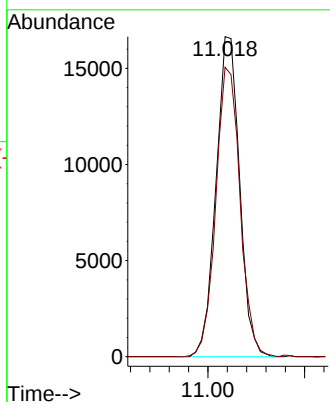
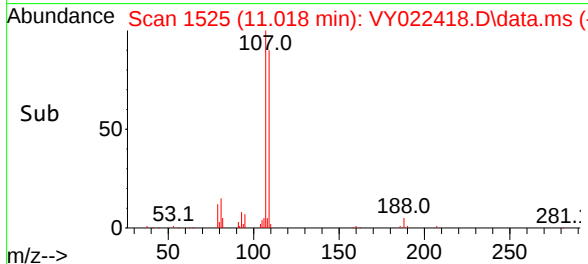
Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBS02



Tgt Ion:107 Resp: 28149
Ion Ratio Lower Upper
107 100
109 92.8 74.6 111.8

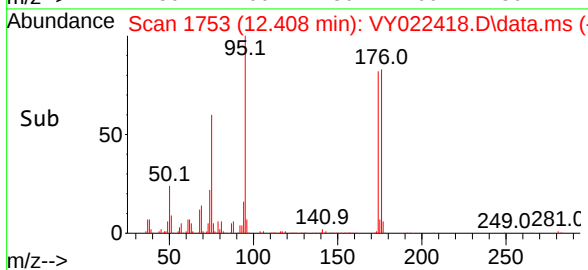
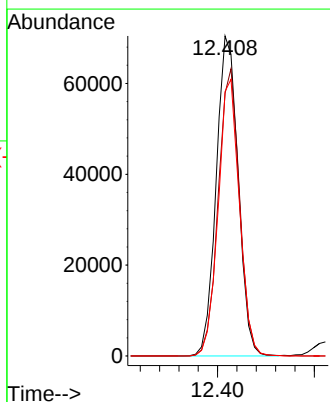
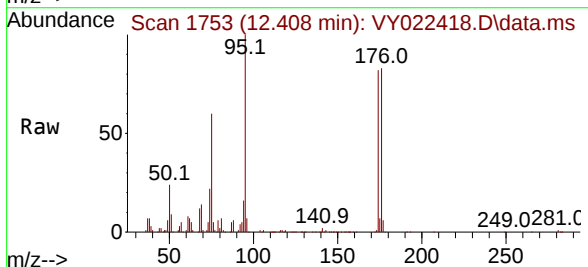
Manual Integrations
APPROVED

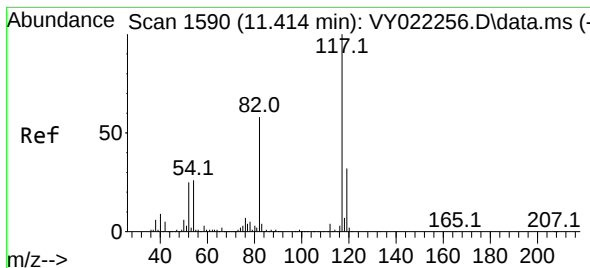
Reviewed By :Mahesh Dadoda 05/27/2025
Supervised By :Semsettin Yesilyurt 05/27/2025



#62
4-Bromofluorobenzene
Concen: 44.734 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY022418.D
Acq: 23 May 2025 19:57

Tgt Ion: 95 Resp: 110329
Ion Ratio Lower Upper
95 100
174 87.3 0.0 166.8
176 84.2 0.0 160.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY022418.D

Acq: 23 May 2025 19:57

Instrument :

MSVOA_Y

ClientSampleId :

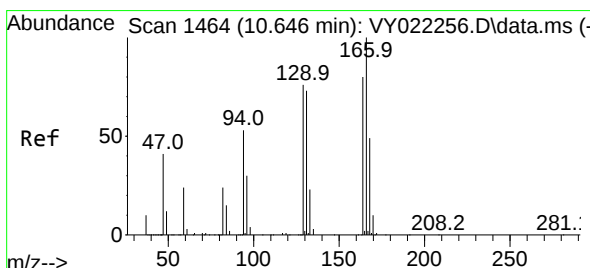
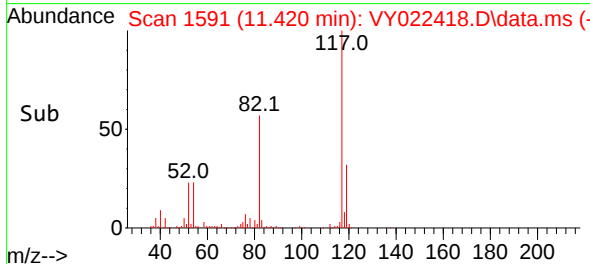
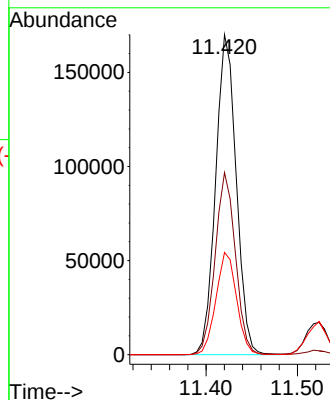
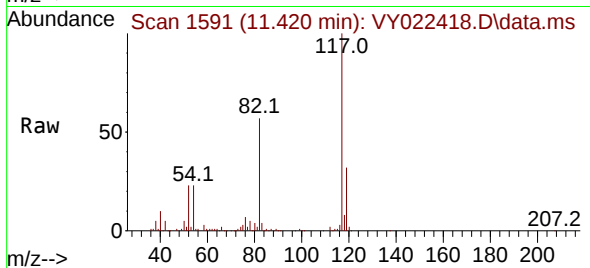
VY0523SBS02

Tgt Ion:117	Resp: 266789
Ion Ratio	Lower Upper
117 100	
82 56.9	46.6 70.0
119 31.9	25.8 38.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/27/2025
Supervised By :Semsettin Yesilyurt 05/27/2025



#64

Tetrachloroethene

Concen: 20.929 ug/l

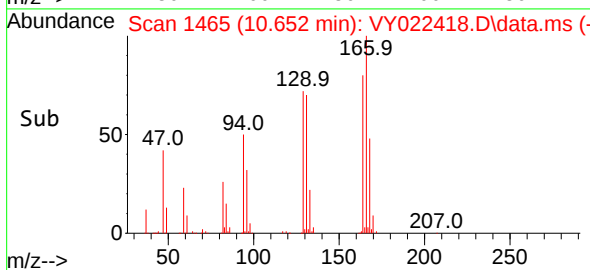
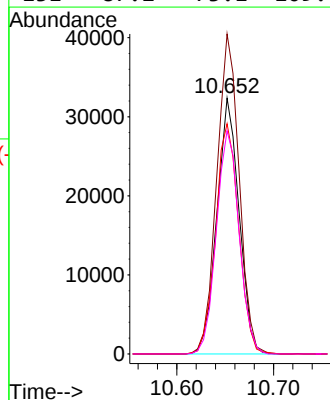
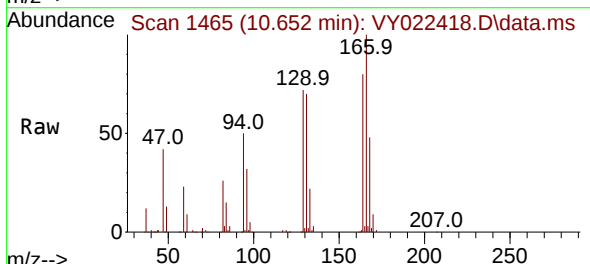
RT: 10.652 min Scan# 1465

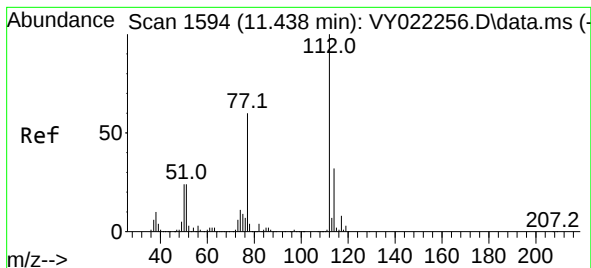
Delta R.T. 0.006 min

Lab File: VY022418.D

Acq: 23 May 2025 19:57

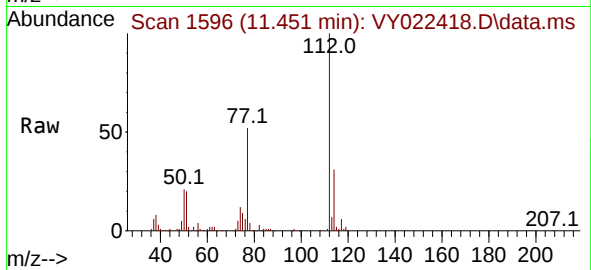
Tgt Ion:164	Resp: 51610
Ion Ratio	Lower Upper
164 100	
166 125.0	100.4 150.6
129 90.0	76.4 114.6
131 87.2	73.1 109.7





#65
Chlorobenzene
Concen: 20.599 ug/l
RT: 11.451 min Scan# 11451
Delta R.T. 0.012 min
Lab File: VY022418.D
Acq: 23 May 2025 19:57

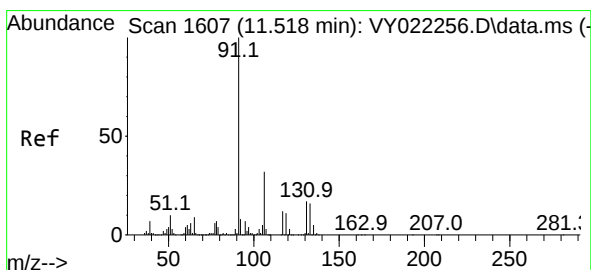
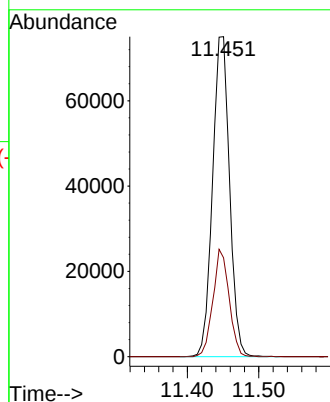
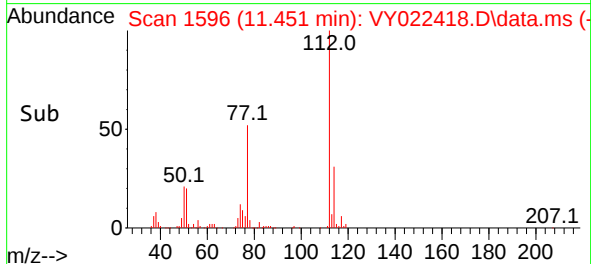
Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBS02



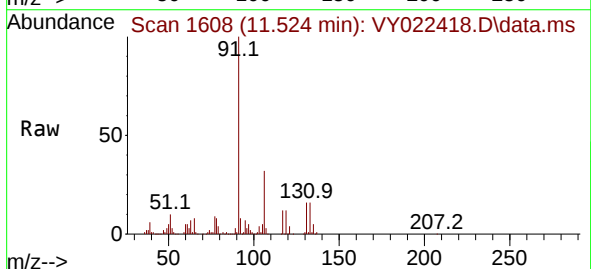
Tgt Ion:112 Resp: 12398
Ion Ratio Lower Upper
112 100
114 30.9 25.8 38.6

Manual Integrations
APPROVED

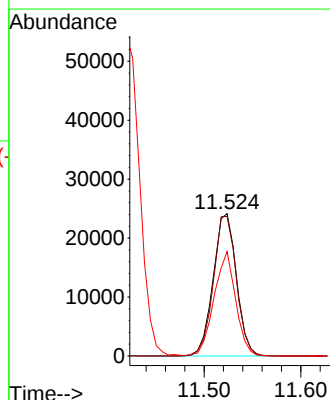
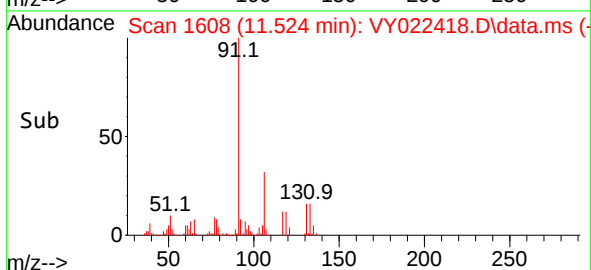
Reviewed By :Mahesh Dadoda 05/27/2025
Supervised By :Semsettin Yesilyurt 05/27/2025

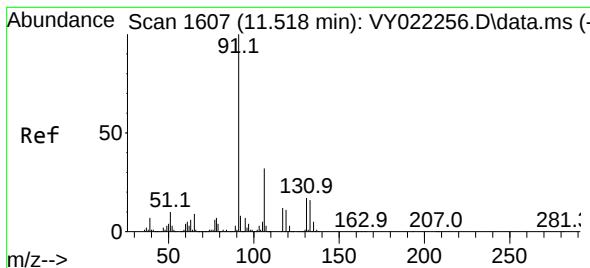


#66
1,1,1,2-Tetrachloroethane
Concen: 19.463 ug/l
RT: 11.524 min Scan# 1608
Delta R.T. 0.006 min
Lab File: VY022418.D
Acq: 23 May 2025 19:57



Tgt Ion:131 Resp: 40274
Ion Ratio Lower Upper
131 100
133 97.4 47.3 141.9
119 68.1 33.1 99.2





#67

Ethyl Benzene

Concen: 19.595 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. 0.006 min

Lab File: VY022418.D

Acq: 23 May 2025 19:57

Instrument :

MSVOA_Y

ClientSampleId :

VY0523SBS02

Tgt Ion: 91 Resp: 220880

Ion Ratio Lower Upper

91 100

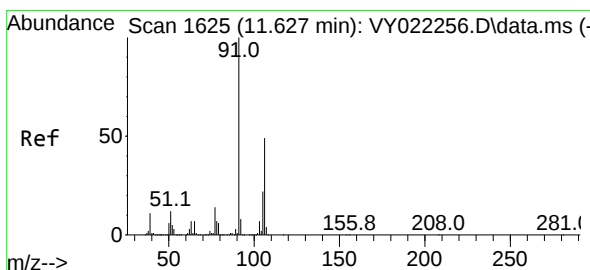
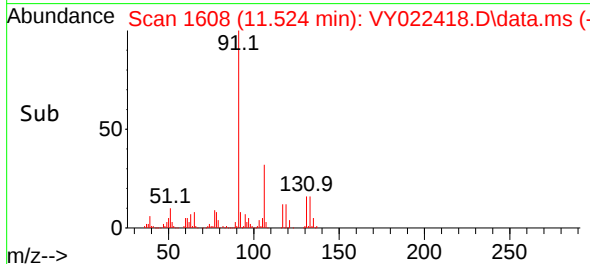
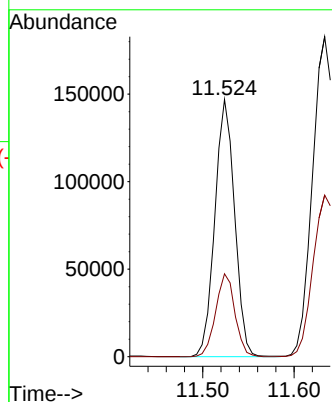
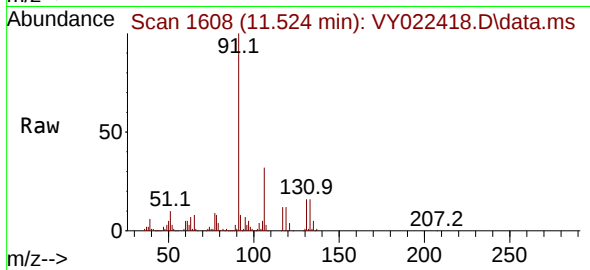
106 32.2 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/27/2025

Supervised By :Semsettin Yesilyurt 05/27/2025



#68

m/p-Xylenes

Concen: 39.760 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. 0.006 min

Lab File: VY022418.D

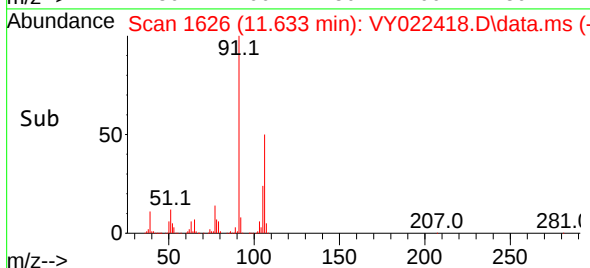
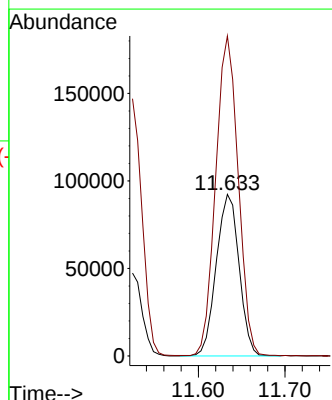
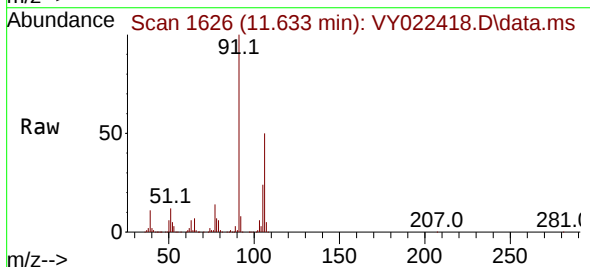
Acq: 23 May 2025 19:57

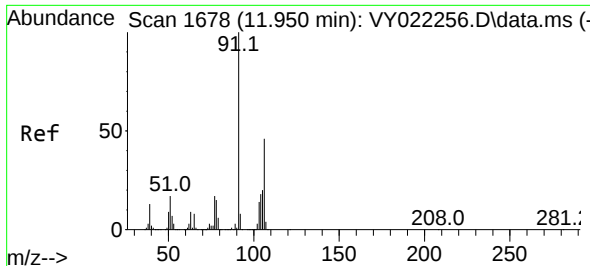
Tgt Ion:106 Resp: 168885

Ion Ratio Lower Upper

106 100

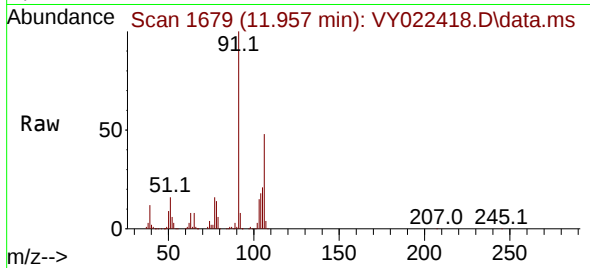
91 195.7 163.0 244.4





#69
o-Xylene
Concen: 20.018 ug/l
RT: 11.957 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY022418.D
Acq: 23 May 2025 19:57

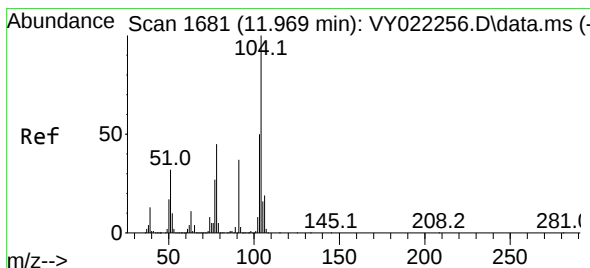
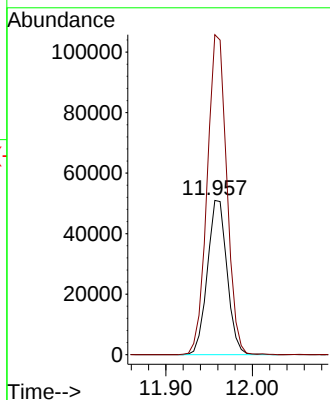
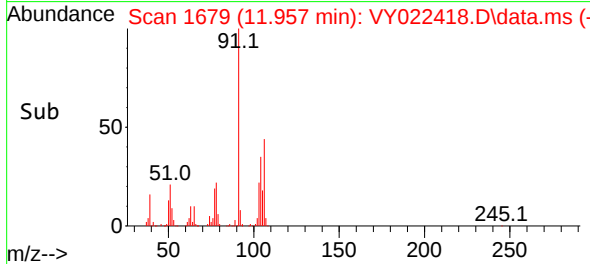
Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBS02



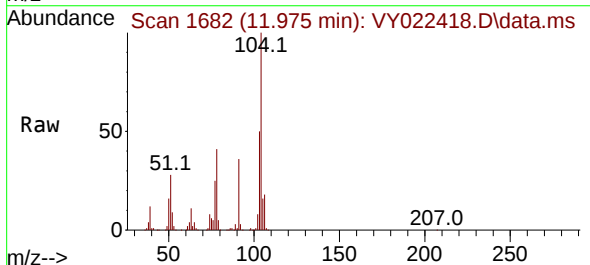
Tgt Ion:106 Resp: 80449
Ion Ratio Lower Upper
106 100
91 206.5 108.3 324.8

Manual Integrations
APPROVED

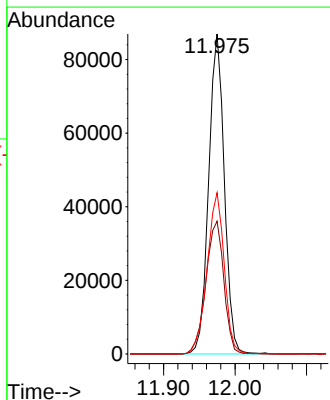
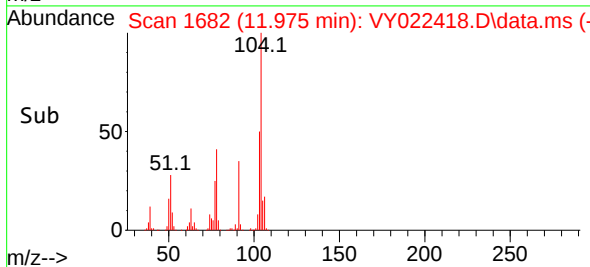
Reviewed By :Mahesh Dadoda 05/27/2025
Supervised By :Semsettin Yesilyurt 05/27/2025

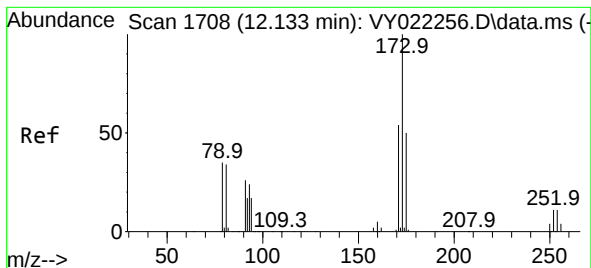


#70
Styrene
Concen: 19.502 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. 0.006 min
Lab File: VY022418.D
Acq: 23 May 2025 19:57



Tgt Ion:104 Resp: 132208
Ion Ratio Lower Upper
104 100
78 47.7 40.9 61.3
103 55.3 43.7 65.5





#71

Bromoform

Concen: 19.033 ug/l

RT: 12.139 min Scan# 1708

Delta R.T. 0.006 min

Lab File: VY022418.D

Acq: 23 May 2025 19:57

Instrument :

MSVOA_Y

ClientSampleId :

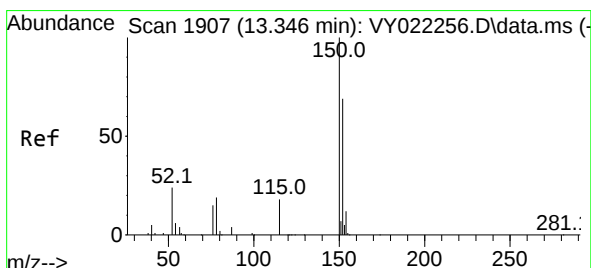
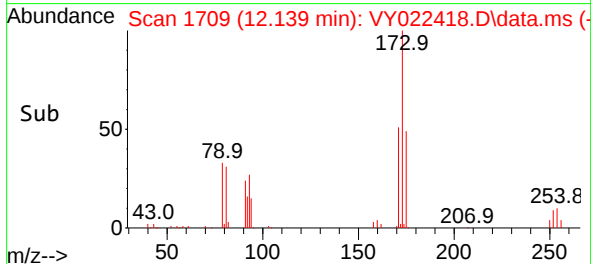
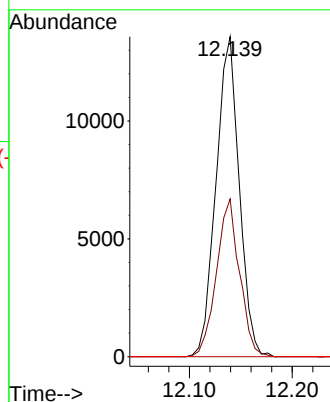
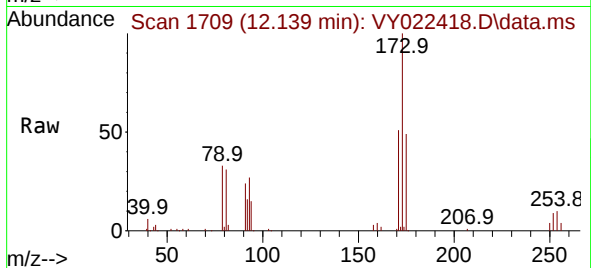
VY0523SBS02

Tgt Ion:173	Resp:	21258
Ion Ratio	Lower	Upper
173	100	
175	49.0	24.7 74.1
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/27/2025
Supervised By :Semsettin Yesilyurt 05/27/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

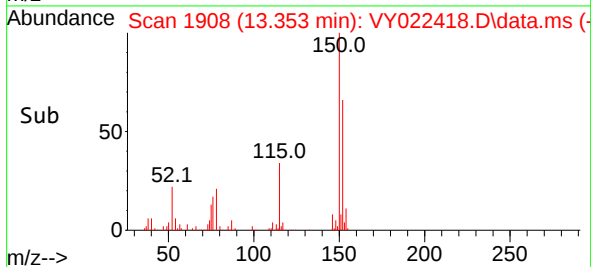
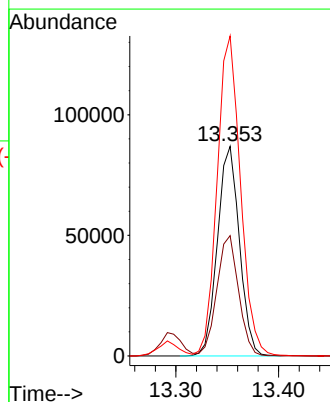
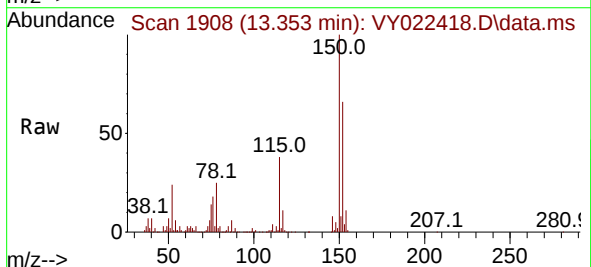
RT: 13.353 min Scan# 1908

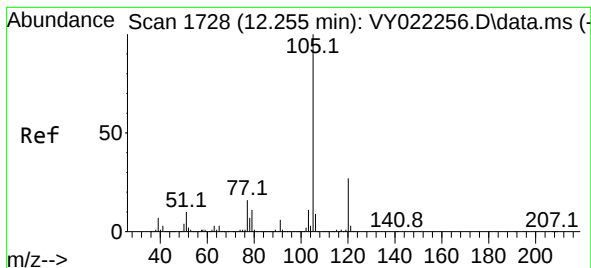
Delta R.T. 0.006 min

Lab File: VY022418.D

Acq: 23 May 2025 19:57

Tgt Ion:152	Resp:	128845
Ion Ratio	Lower	Upper
152	100	
115	56.8	29.4 88.2
150	162.2	0.0 353.8





#73

Isopropylbenzene

Concen: 19.453 ug/l

RT: 12.261 min Scan# 1729

Delta R.T. 0.006 min

Lab File: VY022418.D

Acq: 23 May 2025 19:57

Instrument :

MSVOA_Y

ClientSampleId :

VY0523SBS02

Tgt Ion:105 Resp: 20764

Ion Ratio Lower Upper

105 100

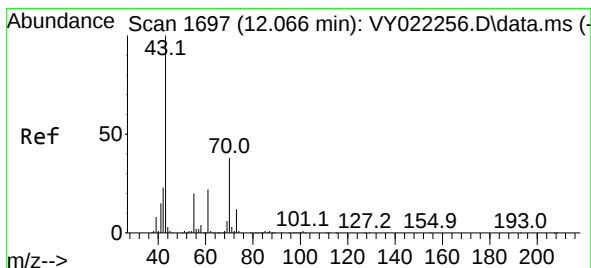
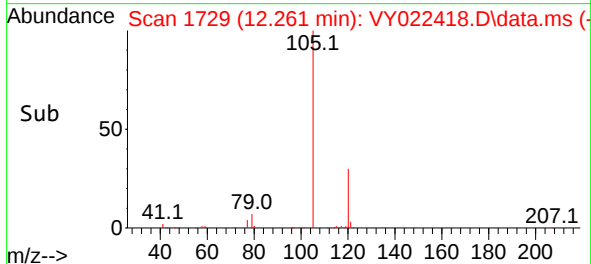
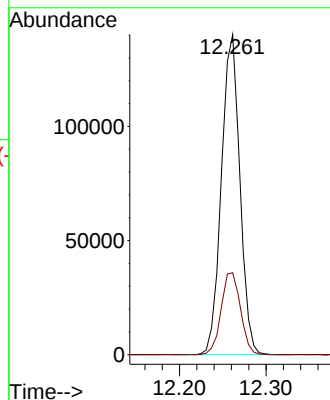
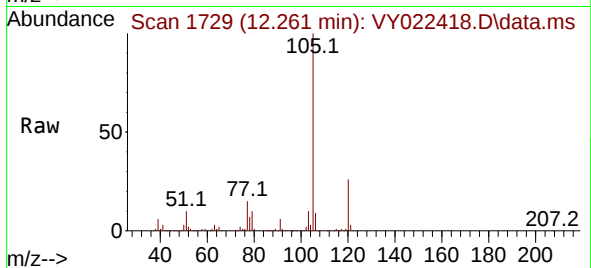
120 26.8 13.2 39.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/27/2025

Supervised By :Semsettin Yesilyurt 05/27/2025



#74

N-ethyl acetate

Concen: 15.779 ug/l

RT: 12.079 min Scan# 1699

Delta R.T. 0.012 min

Lab File: VY022418.D

Acq: 23 May 2025 19:57

Tgt Ion: 43 Resp: 48171

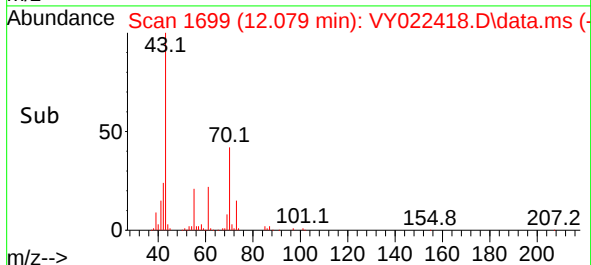
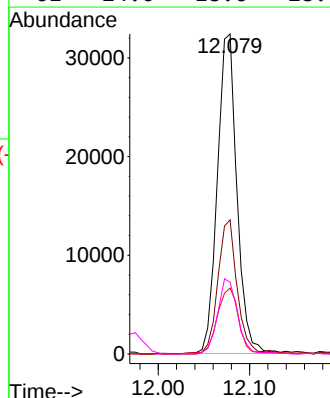
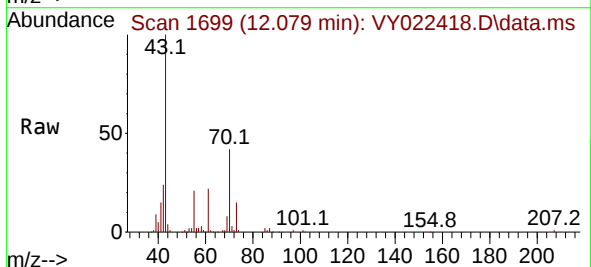
Ion Ratio Lower Upper

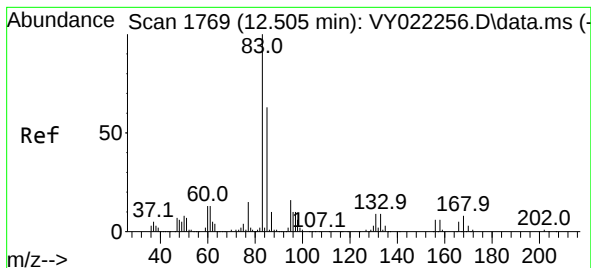
43 100

70 41.0 31.4 47.0

55 22.9 17.0 25.6

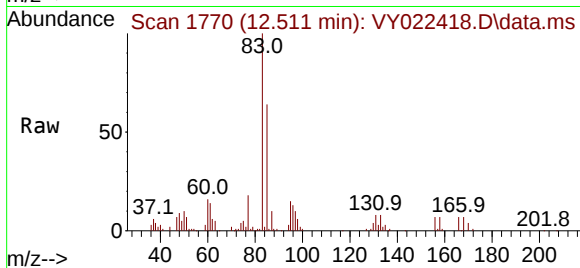
61 24.0 18.6 28.0





#75
 1,1,2,2-Tetrachloroethane
 Concen: 18.715 ug/l
 RT: 12.511 min Scan# 1770
 Delta R.T. 0.006 min
 Lab File: VY022418.D
 Acq: 23 May 2025 19:57

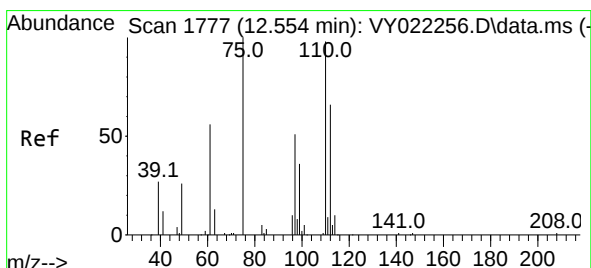
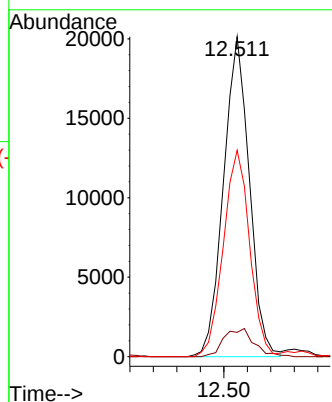
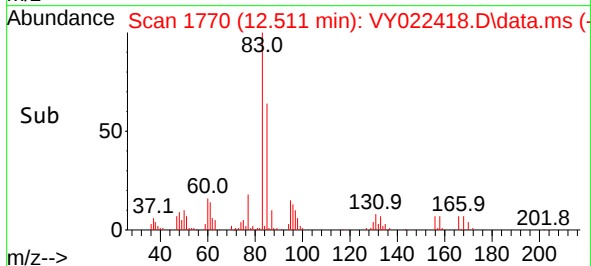
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0523SBS02



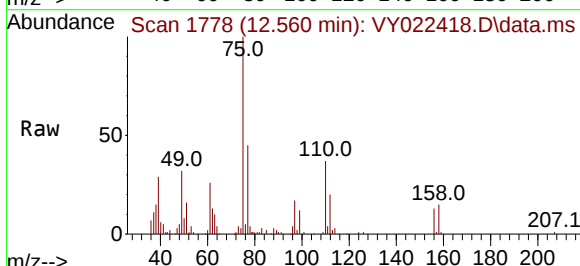
Tgt Ion: 83 Resp: 3072
 Ion Ratio Lower Upper
 83 100
 131 10.3 4.9 14.7
 85 65.7 32.0 96.0

Manual Integrations
 APPROVED

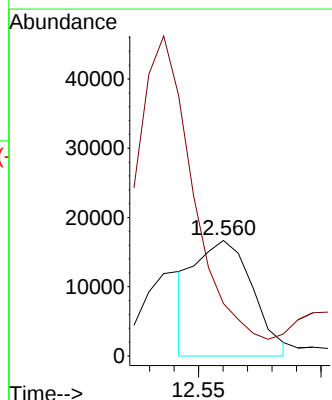
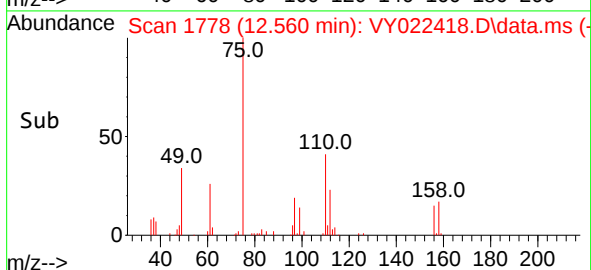
Reviewed By :Mahesh Dadoda 05/27/2025
 Supervised By :Semsettin Yesilyurt 05/27/2025

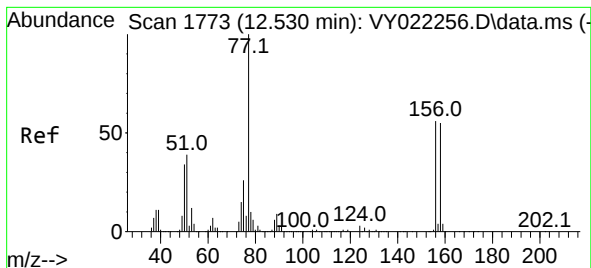


#76
 1,2,3-Trichloropropane
 Concen: 21.065 ug/l m
 RT: 12.560 min Scan# 1778
 Delta R.T. 0.006 min
 Lab File: VY022418.D
 Acq: 23 May 2025 19:57



Tgt Ion: 75 Resp: 27497
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.491 ug/l

RT: 12.536 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VY022418.D

Acq: 23 May 2025 19:57

Instrument :

MSVOA_Y

ClientSampleId :

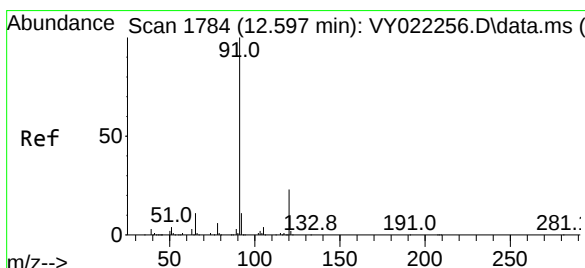
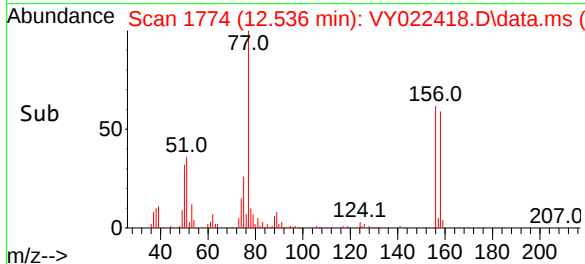
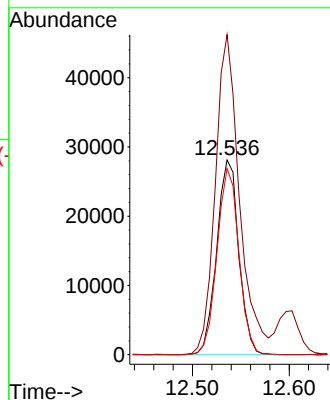
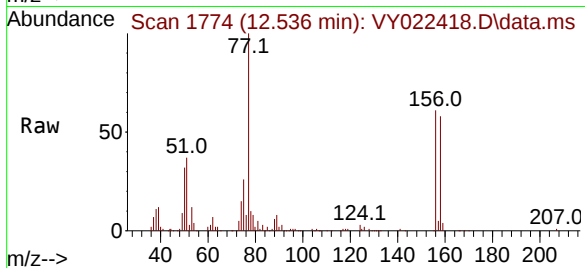
VY0523SBS02

Tgt Ion:	156	Resp:	4443
Ion Ratio	Lower	Upper	
156	100		
77	180.5	94.5	283.6
158	94.9	48.4	145.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/27/2025
Supervised By :Semsettin Yesilyurt 05/27/2025



#78

n-propylbenzene

Concen: 19.298 ug/l

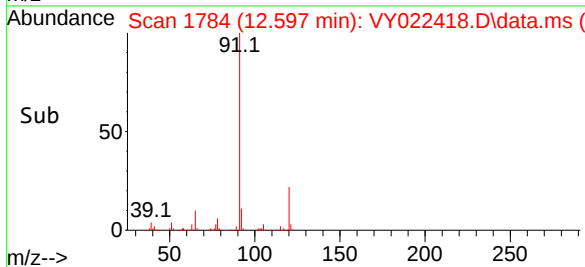
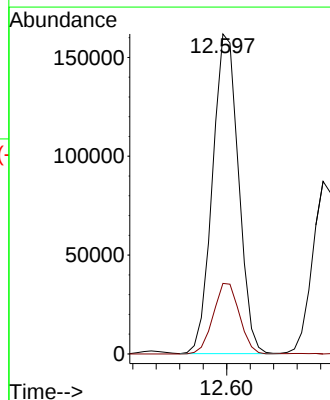
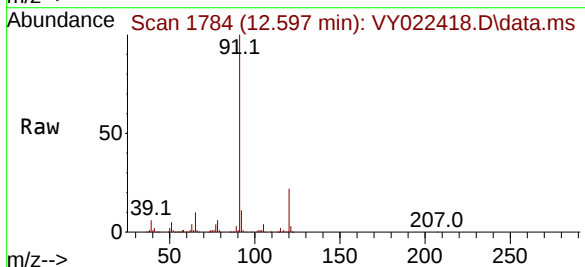
RT: 12.597 min Scan# 1784

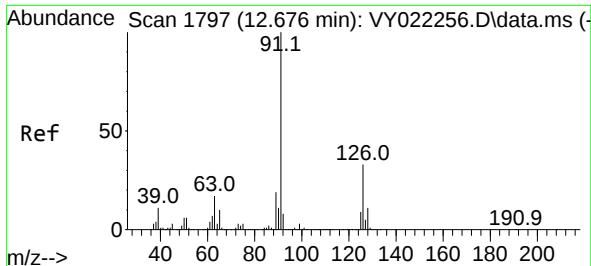
Delta R.T. 0.000 min

Lab File: VY022418.D

Acq: 23 May 2025 19:57

Tgt Ion:	91	Resp:	248465
Ion Ratio	Lower	Upper	
91	100		
120	22.2	11.1	33.3





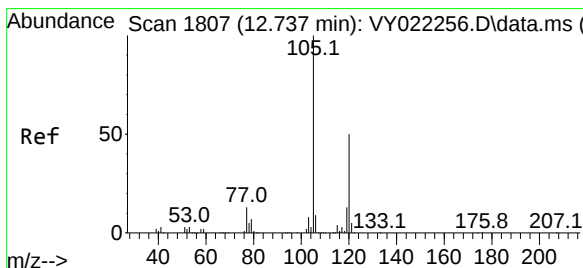
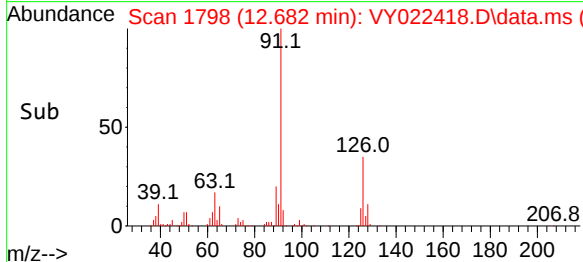
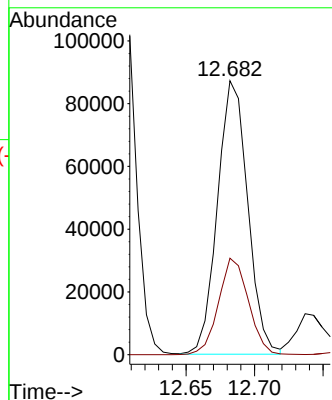
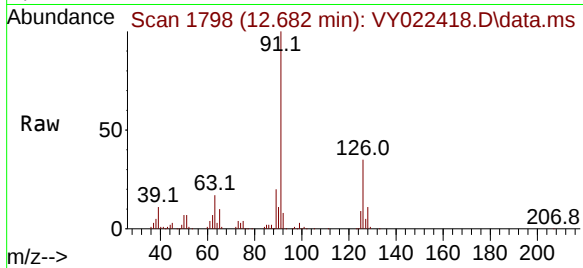
#79
2-Chlorotoluene
Concen: 18.937 ug/l
RT: 12.682 min Scan# 1797
Delta R.T. 0.006 min
Lab File: VY022418.D
Acq: 23 May 2025 19:57

Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBS02

Tgt Ion: 91 Resp: 133980
Ion Ratio Lower Upper
91 100
126 34.9 16.8 50.4

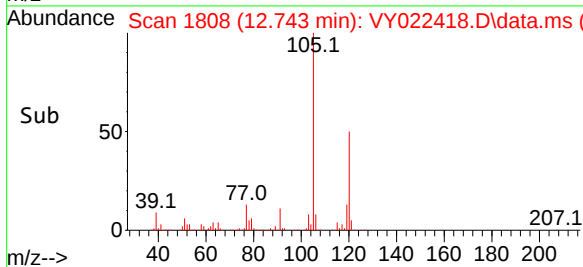
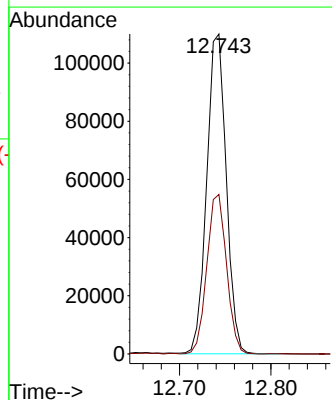
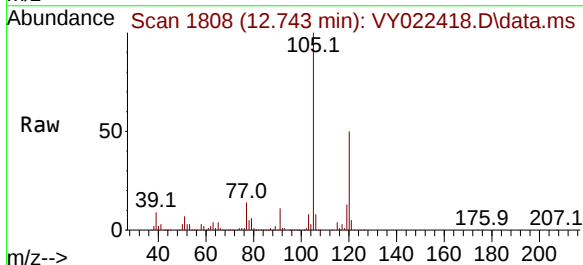
Manual Integrations
APPROVED

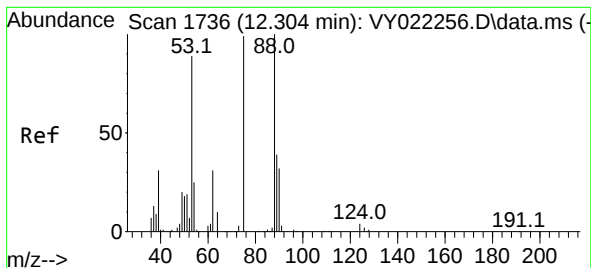
Reviewed By :Mahesh Dadoda 05/27/2025
Supervised By :Semsettin Yesilyurt 05/27/2025



#80
1,3,5-Trimethylbenzene
Concen: 18.856 ug/l
RT: 12.743 min Scan# 1808
Delta R.T. 0.006 min
Lab File: VY022418.D
Acq: 23 May 2025 19:57

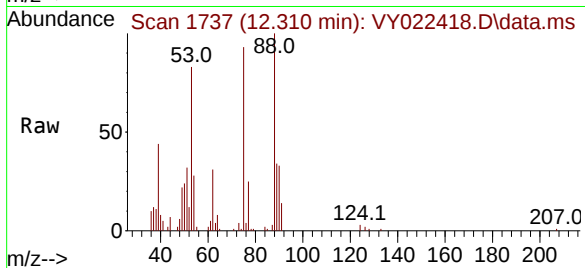
Tgt Ion:105 Resp: 162475
Ion Ratio Lower Upper
105 100
120 50.6 24.2 72.6





#81
trans-1,4-Dichloro-2-butene
Concen: 17.339 ug/l
RT: 12.310 min Scan# 1117
Delta R.T. 0.006 min
Lab File: VY022418.D
Acq: 23 May 2025 19:57

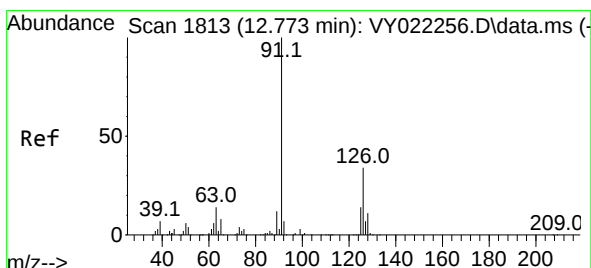
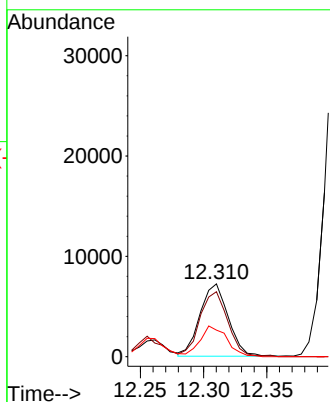
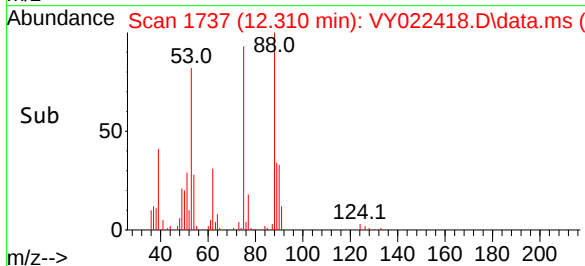
Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBS02



Tgt Ion: 75 Resp: 1117
Ion Ratio Lower Upper
75 100
53 89.5 75.8 113.8
89 39.8 36.2 54.2

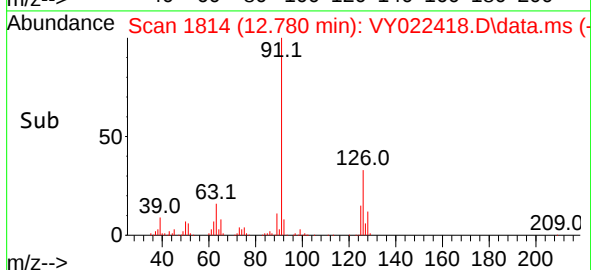
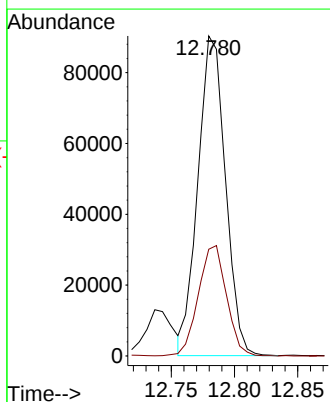
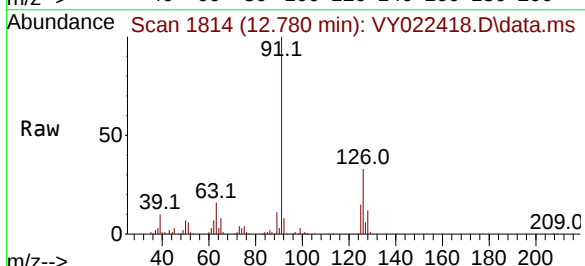
Manual Integrations
APPROVED

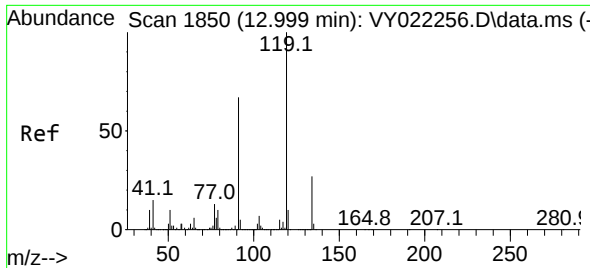
Reviewed By :Mahesh Dadoda 05/27/2025
Supervised By :Semsettin Yesilyurt 05/27/2025



#82
4-Chlorotoluene
Concen: 18.789 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY022418.D
Acq: 23 May 2025 19:57

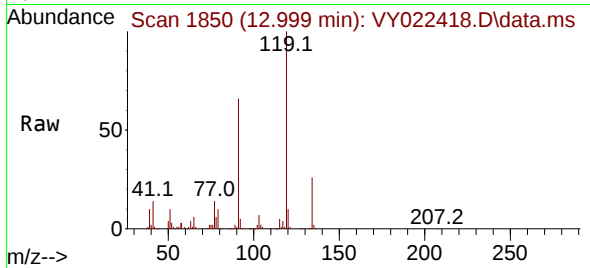
Tgt Ion: 91 Resp: 136735
Ion Ratio Lower Upper
91 100
126 35.4 16.8 50.4





#83
tert-Butylbenzene
Concen: 19.757 ug/l
RT: 12.999 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VY022418.D
Acq: 23 May 2025 19:57

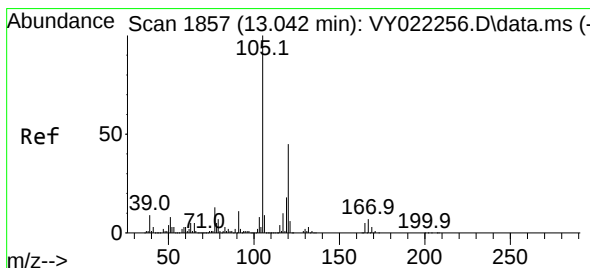
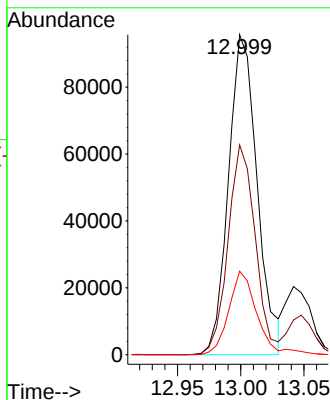
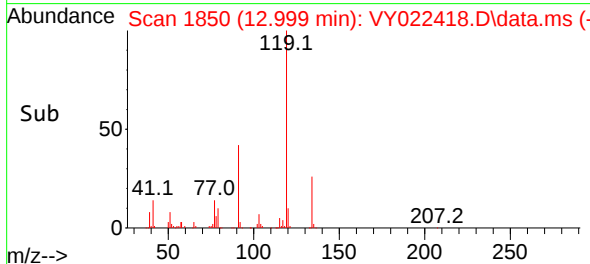
Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBS02



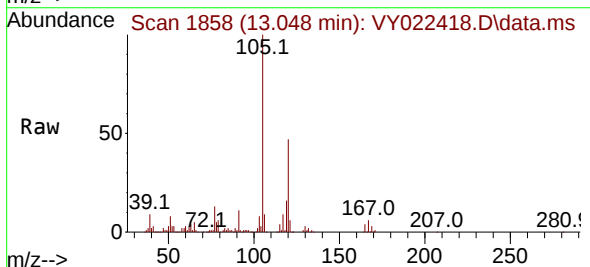
Tgt Ion:119 Resp: 15131
Ion Ratio Lower Upper
119 100
91 62.2 32.8 98.3
134 25.7 12.9 38.6

Manual Integrations
APPROVED

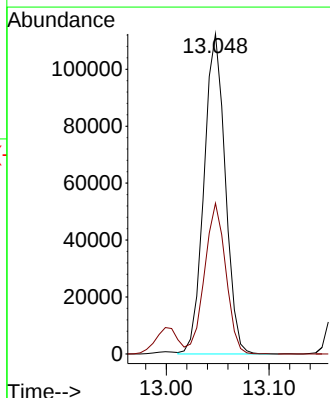
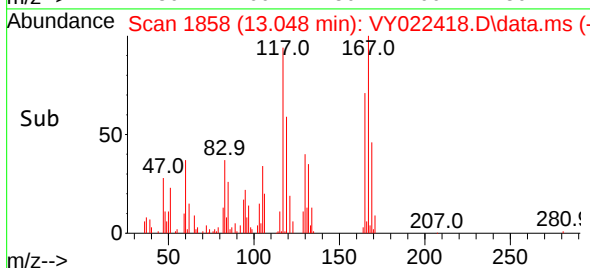
Reviewed By :Mahesh Dadoda 05/27/2025
Supervised By :Semsettin Yesilyurt 05/27/2025

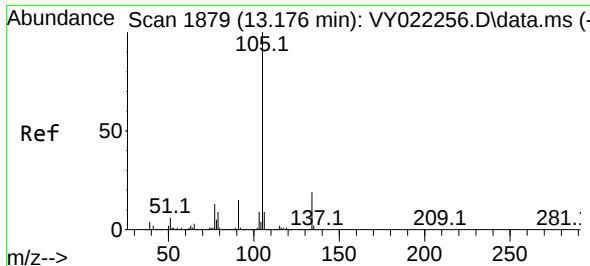


#84
1,2,4-Trimethylbenzene
Concen: 18.884 ug/l
RT: 13.048 min Scan# 1858
Delta R.T. 0.006 min
Lab File: VY022418.D
Acq: 23 May 2025 19:57



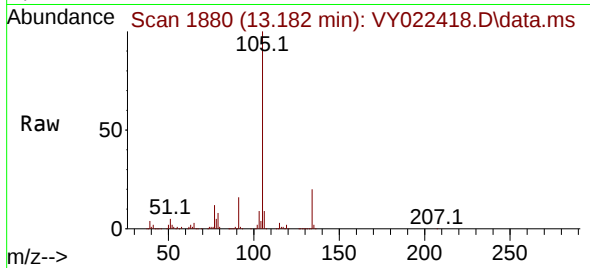
Tgt Ion:105 Resp: 161528
Ion Ratio Lower Upper
105 100
120 47.0 22.3 66.9





#85
 sec-Butylbenzene
 Concen: 19.796 ug/l
 RT: 13.182 min Scan# 1880
 Delta R.T. 0.006 min
 Lab File: VY022418.D
 Acq: 23 May 2025 19:57

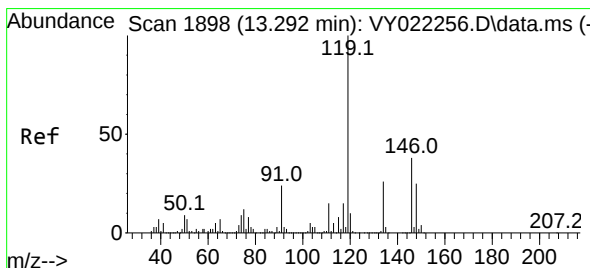
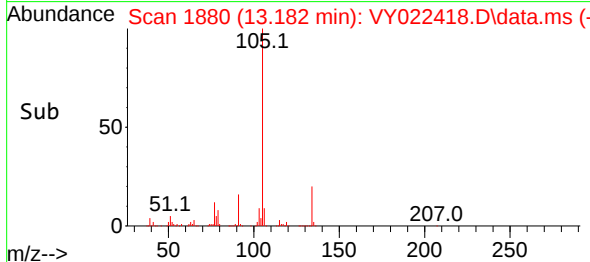
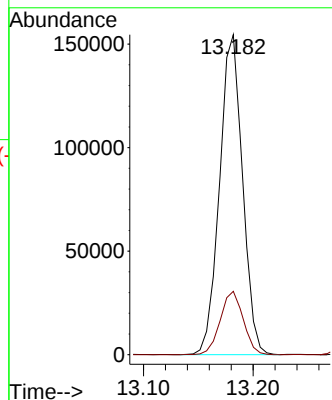
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0523SBS02



Tgt Ion:105 Resp: 225050
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.5

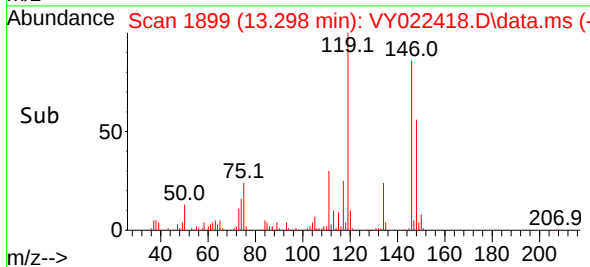
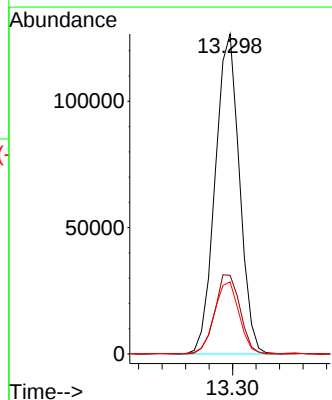
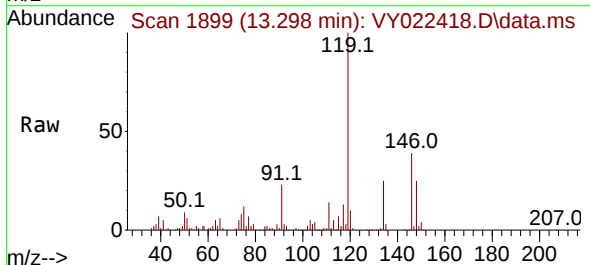
Manual Integrations
 APPROVED

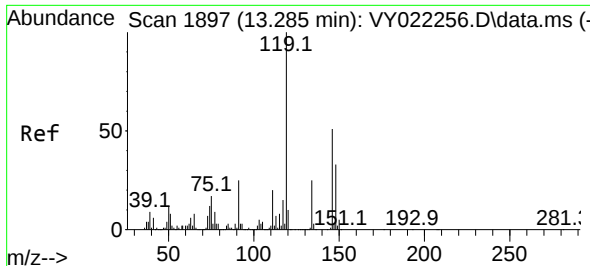
Reviewed By :Mahesh Dadoda 05/27/2025
 Supervised By :Semsettin Yesilyurt 05/27/2025



#86
 p-Isopropyltoluene
 Concen: 19.002 ug/l
 RT: 13.298 min Scan# 1899
 Delta R.T. 0.006 min
 Lab File: VY022418.D
 Acq: 23 May 2025 19:57

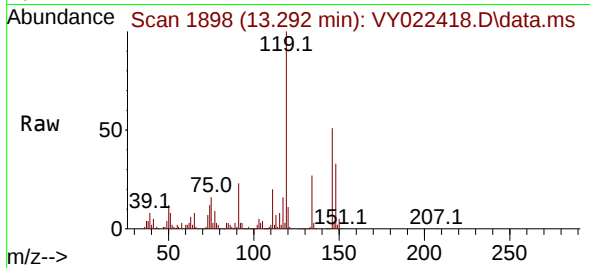
Tgt Ion:119 Resp: 181689
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.9 38.6
 91 23.0 12.1 36.3





#87
1,3-Dichlorobenzene
Concen: 19.159 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. 0.006 min
Lab File: VY022418.D
Acq: 23 May 2025 19:57

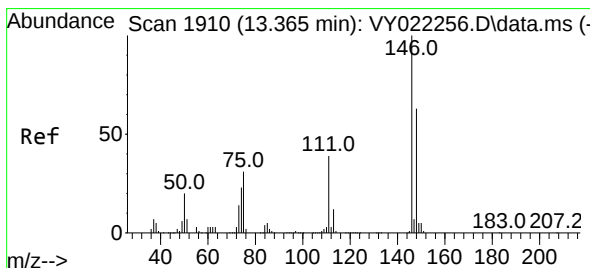
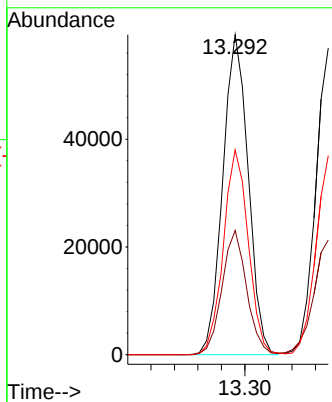
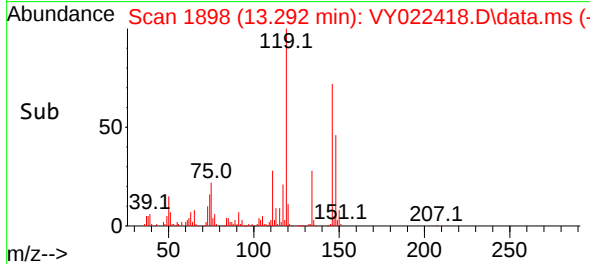
Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBS02



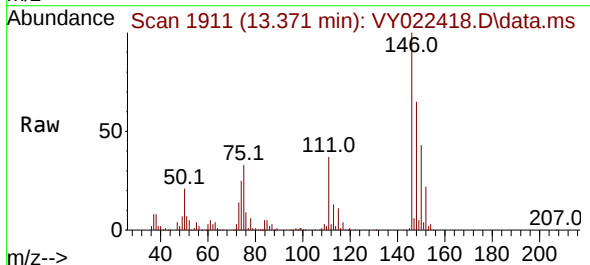
Tgt Ion:146 Resp: 8916
Ion Ratio Lower Upper
146 100
111 37.7 19.9 59.7
148 62.8 31.9 95.7

Manual Integrations
APPROVED

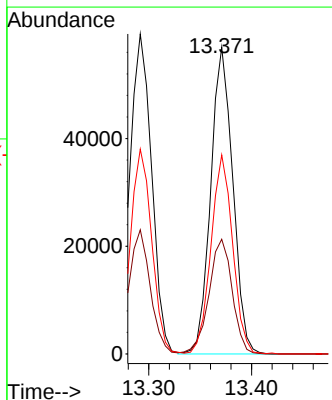
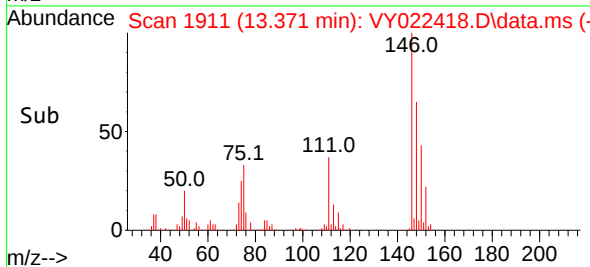
Reviewed By :Mahesh Dadoda 05/27/2025
Supervised By :Semsettin Yesilyurt 05/27/2025

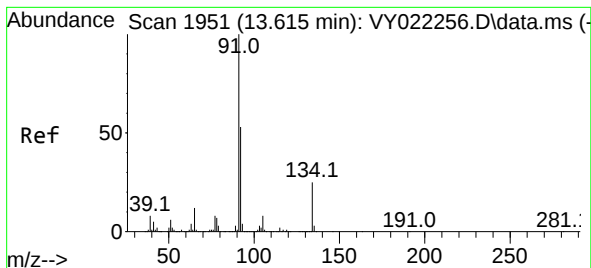


#88
1,4-Dichlorobenzene
Concen: 18.957 ug/l
RT: 13.371 min Scan# 1911
Delta R.T. 0.006 min
Lab File: VY022418.D
Acq: 23 May 2025 19:57



Tgt Ion:146 Resp: 84865
Ion Ratio Lower Upper
146 100
111 39.5 20.0 59.9
148 63.9 32.1 96.5





#89

n-Butylbenzene

Concen: 19.218 ug/l

RT: 13.621 min Scan# 1951

Delta R.T. 0.006 min

Lab File: VY022418.D

Acq: 23 May 2025 19:57

Instrument :

MSVOA_Y

ClientSampleId :

VY0523SBS02

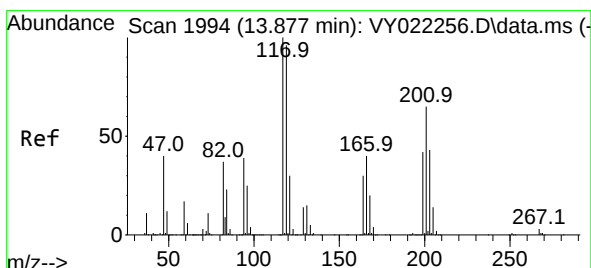
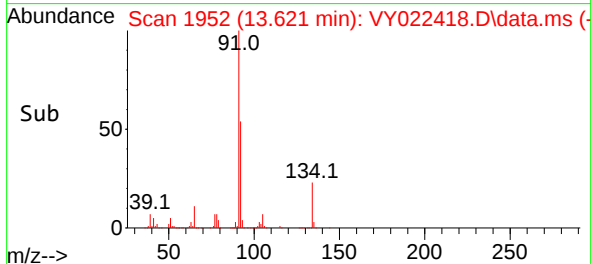
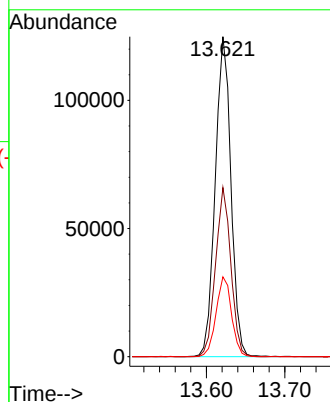
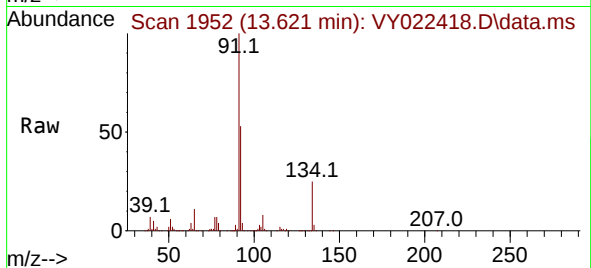
Tgt Ion: 91 Resp: 173834

Ion	Ratio	Lower	Upper
91	100		
92	51.6	26.3	78.9
134	24.7	12.4	37.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/27/2025
Supervised By :Semsettin Yesilyurt 05/27/2025



#90

Hexachloroethane

Concen: 18.647 ug/l

RT: 13.883 min Scan# 1995

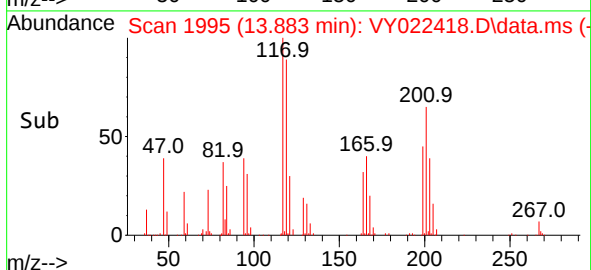
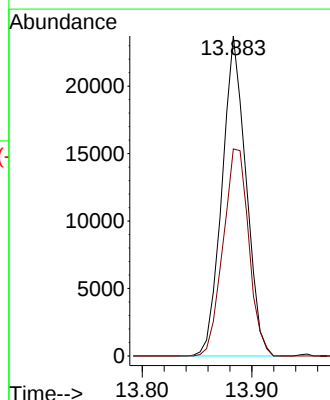
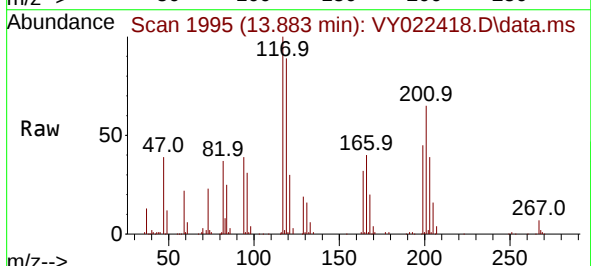
Delta R.T. 0.006 min

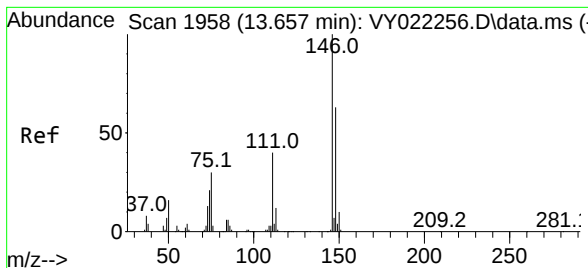
Lab File: VY022418.D

Acq: 23 May 2025 19:57

Tgt Ion:117 Resp: 35991

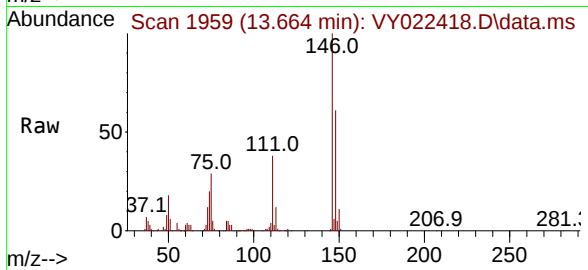
Ion	Ratio	Lower	Upper
117	100		
201	69.5	35.2	105.6





#91
1,2-Dichlorobenzene
Concen: 19.511 ug/l
RT: 13.664 min Scan# 1958
Delta R.T. 0.006 min
Lab File: VY022418.D
Acq: 23 May 2025 19:57

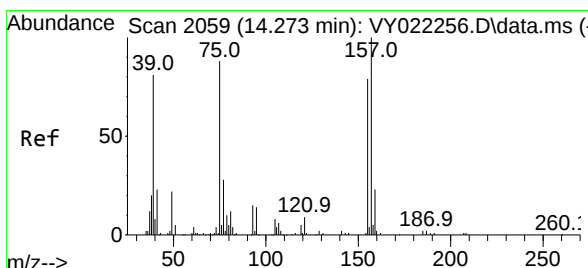
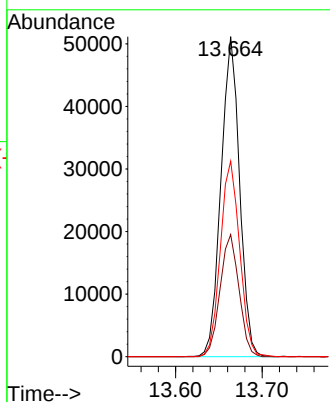
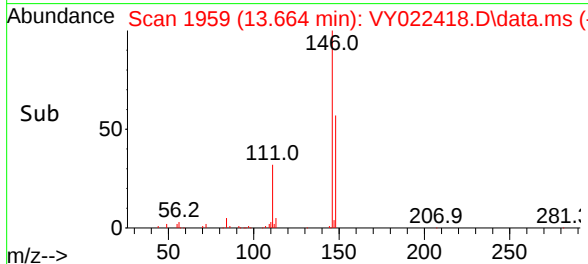
Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBS02



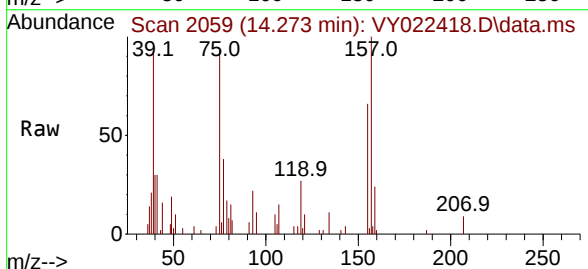
Tgt Ion:146 Resp: 76275
Ion Ratio Lower Upper
146 100
111 38.8 20.5 61.5
148 63.4 32.0 96.0

Manual Integrations
APPROVED

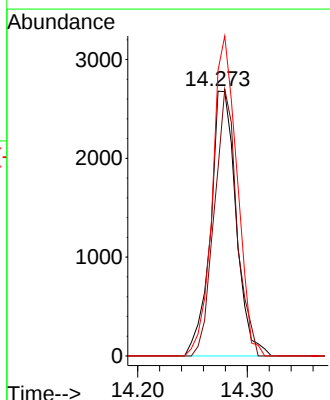
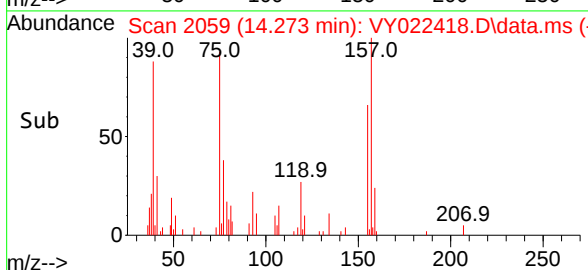
Reviewed By :Mahesh Dadoda 05/27/2025
Supervised By :Semsettin Yesilyurt 05/27/2025

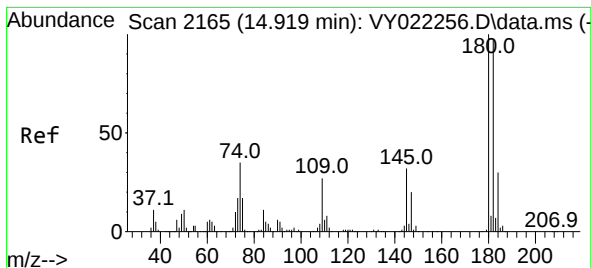


#92
1,2-Dibromo-3-Chloropropane
Concen: 16.422 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY022418.D
Acq: 23 May 2025 19:57



Tgt Ion: 75 Resp: 4347
Ion Ratio Lower Upper
75 100
155 88.6 43.4 130.1
157 115.5 54.6 163.9





#93

1,2,4-Trichlorobenzene

Concen: 18.078 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY022418.D

Acq: 23 May 2025 19:57

Instrument :

MSVOA_Y

ClientSampleId :

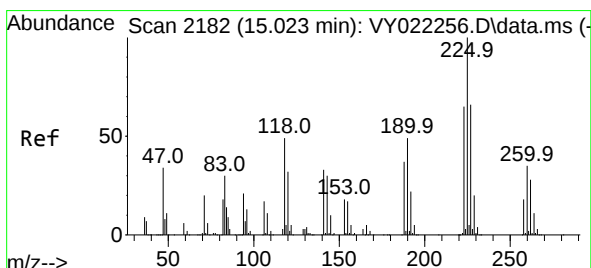
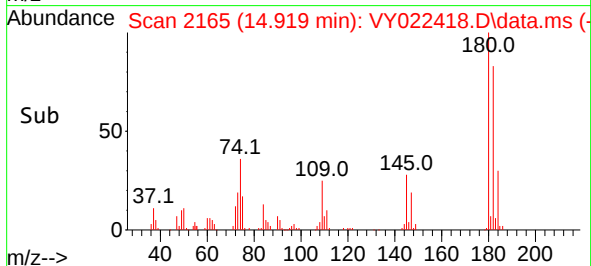
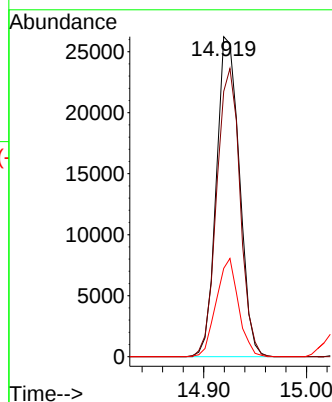
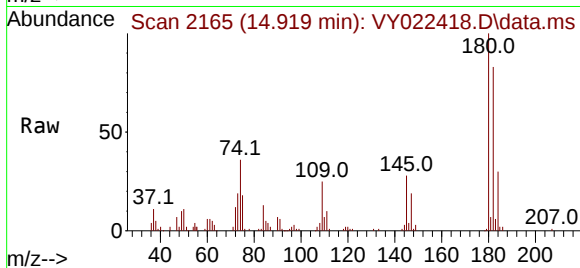
VY0523SBS02

Tgt Ion:180	Resp: 4082
Ion Ratio	Lower Upper
180	100
182	91.2 48.0 144.0
145	29.6 15.0 45.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/27/2025
Supervised By :Semsettin Yesilyurt 05/27/2025



#94

Hexachlorobutadiene

Concen: 19.282 ug/l

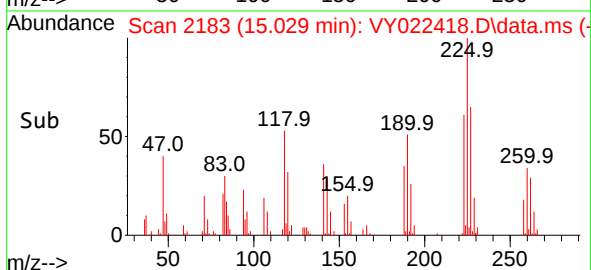
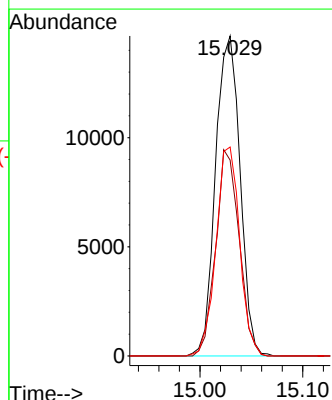
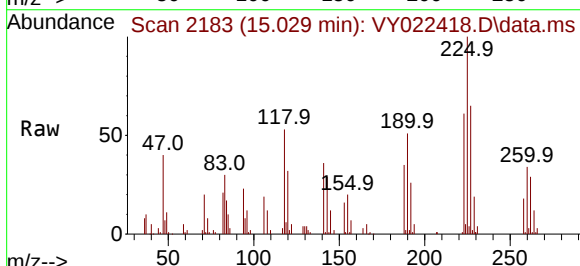
RT: 15.029 min Scan# 2183

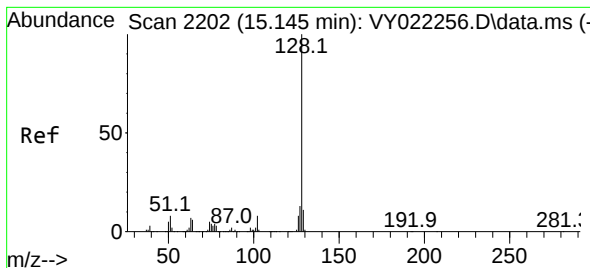
Delta R.T. 0.006 min

Lab File: VY022418.D

Acq: 23 May 2025 19:57

Tgt Ion:225	Resp: 24282
Ion Ratio	Lower Upper
225	100
223	61.5 31.5 94.5
227	62.9 32.1 96.3





#95

Naphthalene

Concen: 18.083 ug/l

RT: 15.151 min Scan# 2203

Delta R.T. 0.006 min

Lab File: VY022418.D

Acq: 23 May 2025 19:57

Instrument :

MSVOA_Y

ClientSampleId :

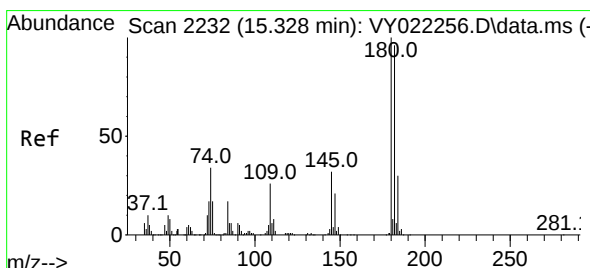
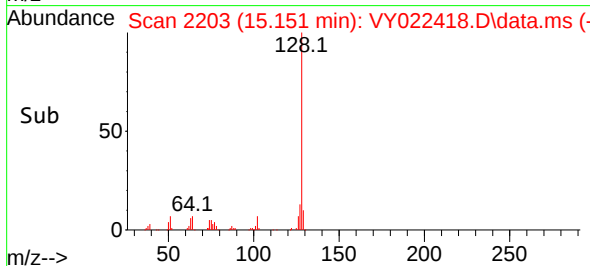
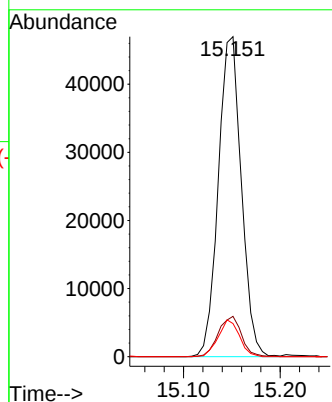
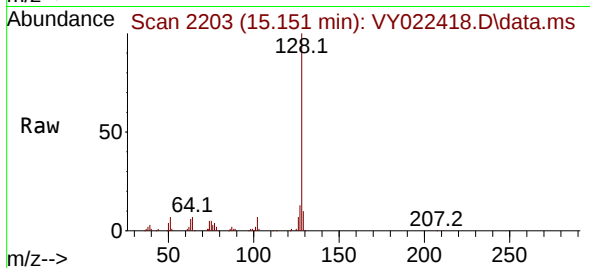
VY0523SBS02

Tgt Ion:128	Resp:	77489
Ion Ratio	Lower	Upper
128	100	
127	12.7	10.2 15.2
129	10.6	8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/27/2025
Supervised By :Semsettin Yesilyurt 05/27/2025



#96

1,2,3-Trichlorobenzene

Concen: 18.065 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. 0.006 min

Lab File: VY022418.D

Acq: 23 May 2025 19:57

Tgt Ion:180	Resp:	34606
Ion Ratio	Lower	Upper
180	100	
182	96.6	47.1 141.3
145	31.6	15.9 47.6

