

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051525\
 Data File : VY022257.D
 Acq On : 15 May 2025 11:24
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
 Supervised By :Semsettin Yesilyurt 05/16/2025

Quant Time: May 16 01:24:09 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 16 01:19:39 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	268393	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	443341	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	385348	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	189780	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	292533	99.729	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 199.460%#			
35) Dibromofluoromethane	7.634	113	262995	99.389	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 198.780%#			
50) Toluene-d8	10.103	98	1076035	99.289	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 198.580%#			
62) 4-Bromofluorobenzene	12.408	95	343397	99.968	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 199.940%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.861	85	252438	90.138	ug/l	99
3) Chloromethane	2.062	50	561441	95.302	ug/l	100
4) Vinyl Chloride	2.202	62	639001	97.085	ug/l	96
5) Bromomethane	2.586	94	512452	95.642	ug/l	98
6) Chloroethane	2.732	64	393556	96.113	ug/l	99
7) Trichlorofluoromethane	3.049	101	650265	97.581	ug/l	100
8) Diethyl Ether	3.452	74	158375	99.031	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.812	101	272288	94.120	ug/l	99
10) Methyl Iodide	4.000	142	349345	104.334	ug/l	100
11) Tert butyl alcohol	4.872	59	112593	502.655	ug/l #	100
12) 1,1-Dichloroethene	3.787	96	277897	96.798	ug/l	97
13) Acrolein	3.653	56	156649	478.373	ug/l	99
14) Allyl chloride	4.378	41	500514	99.429	ug/l	100
15) Acrylonitrile	5.055	53	340325	516.458	ug/l	99
16) Acetone	3.872	43	252327	458.767	ug/l	99
17) Carbon Disulfide	4.104	76	901081	96.251	ug/l	99
18) Methyl Acetate	4.385	43	185837	111.043	ug/l	100
19) Methyl tert-butyl Ether	5.116	73	807404	101.997	ug/l	98
20) Methylene Chloride	4.610	84	305912	86.076	ug/l	98
21) trans-1,2-Dichloroethene	5.116	96	311460	98.288	ug/l	97
22) Diisopropyl ether	6.018	45	1075035	101.128	ug/l	99
23) Vinyl Acetate	5.957	43	3259000	507.456	ug/l	100
24) 1,1-Dichloroethane	5.915	63	586479	98.750	ug/l	99
25) 2-Butanone	6.890	43	467301	507.932	ug/l	97
26) 2,2-Dichloropropane	6.884	77	515990	97.682	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	368826	100.861	ug/l	100
28) Bromochloromethane	7.244	49	251676	99.349	ug/l	100
29) Tetrahydrofuran	7.262	42	312286	527.609	ug/l	100
30) Chloroform	7.421	83	565823	99.326	ug/l	98
31) Cyclohexane	7.701	56	535839	90.301	ug/l	99
32) 1,1,1-Trichloroethane	7.616	97	506927	96.995	ug/l	100
36) 1,1-Dichloropropene	7.835	75	429153	98.465	ug/l	99
37) Ethyl Acetate	6.982	43	213152	101.642	ug/l	99
38) Carbon Tetrachloride	7.817	117	451589	100.097	ug/l	98
39) Methylcyclohexane	9.109	83	566259	96.704	ug/l	98
40) Benzene	8.079	78	1313733	101.677	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	131157m	85.474	ug/l	
42) 1,2-Dichloroethane	8.158	62	356974	102.165	ug/l	100
43) Isopropyl Acetate	8.195	43	473430	103.517	ug/l	99
44) Trichloroethene	8.865	130	315543	98.218	ug/l	97
45) 1,2-Dichloropropane	9.140	63	314179	100.858	ug/l	98
46) Dibromomethane	9.231	93	170712	101.606	ug/l	99
47) Bromodichloromethane	9.420	83	446829	102.514	ug/l	99
48) Methyl methacrylate	9.219	41	229512	107.308	ug/l	100
49) 1,4-Dioxane	9.231	88	37780	1990.455	ug/l	98
51) 4-Methyl-2-Pentanone	9.999	43	1218685	543.068	ug/l	100
52) Toluene	10.170	92	839400	102.593	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	441672	103.832	ug/l	100
54) cis-1,3-Dichloropropene	9.853	75	498023	102.190	ug/l	99
55) 1,1,2-Trichloroethane	10.572	97	219460	102.005	ug/l	99
56) Ethyl methacrylate	10.438	69	353013	105.335	ug/l	98
57) 1,3-Dichloropropane	10.719	76	391514	102.420	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	872907	580.295	ug/l	99
59) 2-Hexanone	10.761	43	809288	537.872	ug/l	100
60) Dibromochloromethane	10.908	129	292143	104.616	ug/l	99
61) 1,2-Dibromoethane	11.011	107	207266	103.362	ug/l	99
64) Tetrachloroethene	10.646	164	343677	96.489	ug/l	99
65) Chlorobenzene	11.438	112	881086	101.346	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.517	131	307866	103.007	ug/l	99
67) Ethyl Benzene	11.517	91	1674355	102.836	ug/l	99
68) m/p-Xylenes	11.627	106	1271299	207.213	ug/l	100
69) o-Xylene	11.956	106	602390	103.777	ug/l	99
70) Styrene	11.969	104	1028498	105.038	ug/l	100
71) Bromoform	12.133	173	168679	104.561	ug/l #	99
73) Isopropylbenzene	12.255	105	1528857	97.241	ug/l	99
74) N-amyl acetate	12.066	43	468707	104.235	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	244830	101.255	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	197600m	59.078	ug/l	
77) Bromobenzene	12.529	156	337329	100.456	ug/l	99
78) n-propylbenzene	12.597	91	1846449	97.365	ug/l	100
79) 2-Chlorotoluene	12.676	91	1026401	98.488	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	1233838	97.216	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	93252	98.251	ug/l	98
82) 4-Chlorotoluene	12.779	91	1061772	99.052	ug/l	99
83) tert-Butylbenzene	12.999	119	1092617	96.859	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	1263612	100.297	ug/l	100
85) sec-Butylbenzene	13.176	105	1634720	97.623	ug/l	100
86) p-Isopropyltoluene	13.291	119	1424684	101.161	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	697868	101.803	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	654104	99.199	ug/l	99
89) n-Butylbenzene	13.615	91	1310061	98.327	ug/l	99
90) Hexachloroethane	13.877	117	275652	96.961	ug/l	100
91) 1,2-Dichlorobenzene	13.657	146	576915	100.192	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	41275	105.859	ug/l	95
93) 1,2,4-Trichlorobenzene	14.919	180	342939	103.107	ug/l	100
94) Hexachlorobutadiene	15.023	225	180060	97.075	ug/l	100
95) Naphthalene	15.145	128	674950	106.935	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	294823	104.488	ug/l	99

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

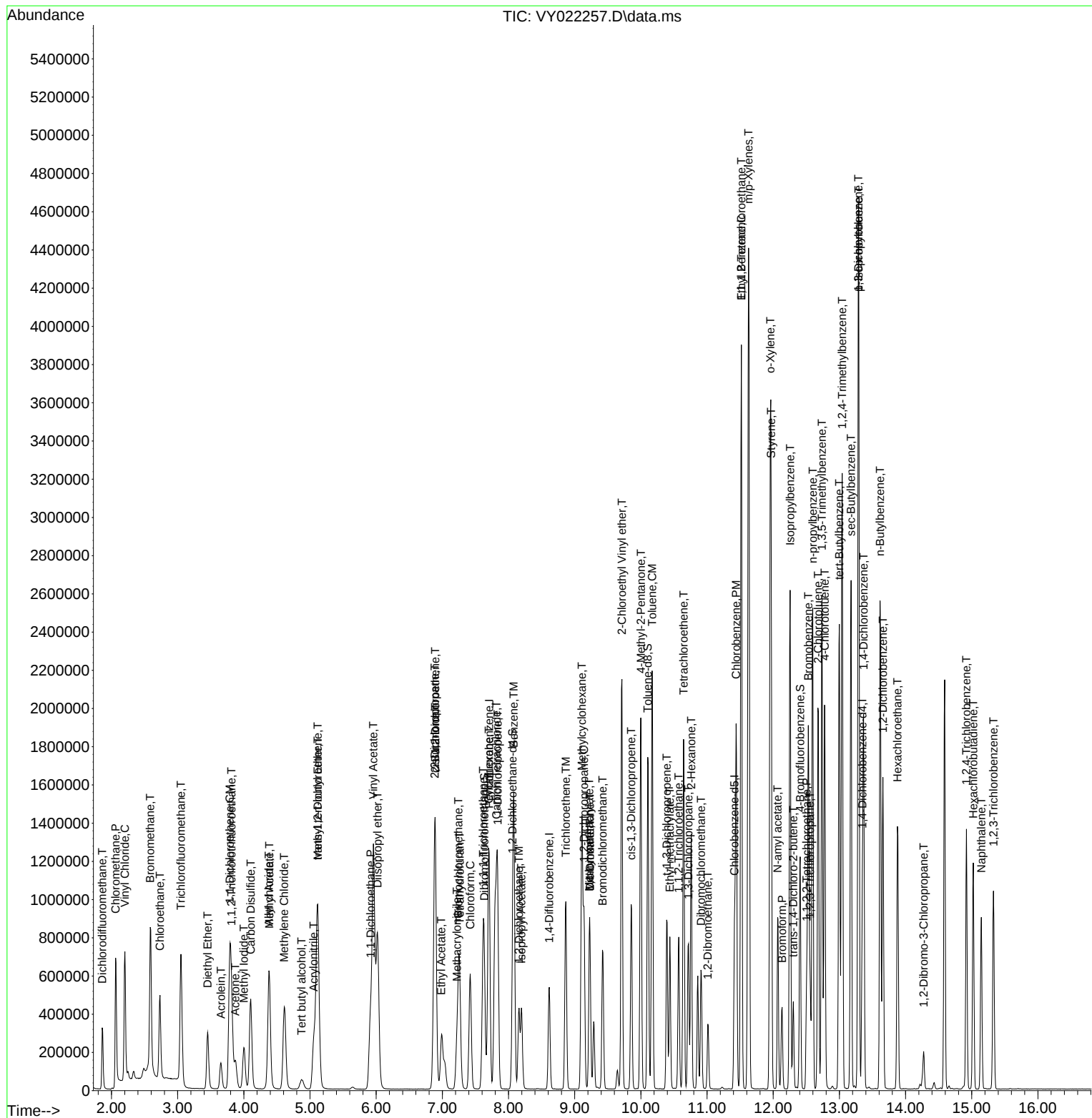
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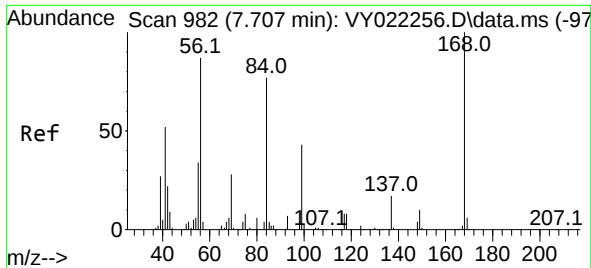
Instrument :
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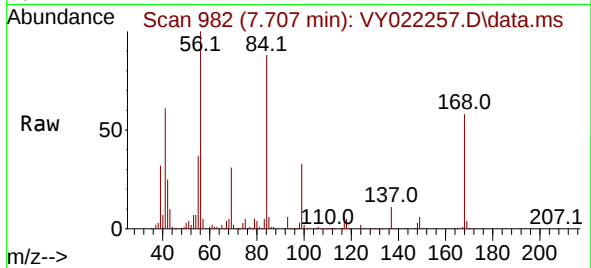
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY022257.D
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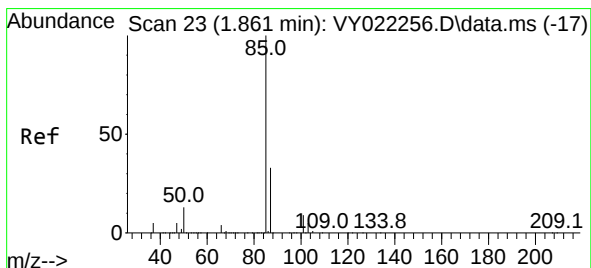
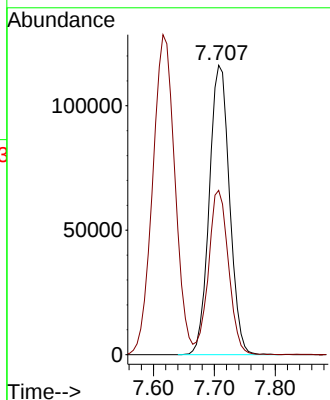
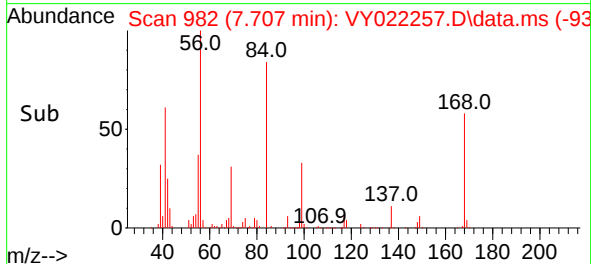
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



Tgt Ion:168 Resp: 26839
Ion Ratio Lower Upper
168 100
99 56.7 44.2 66.4

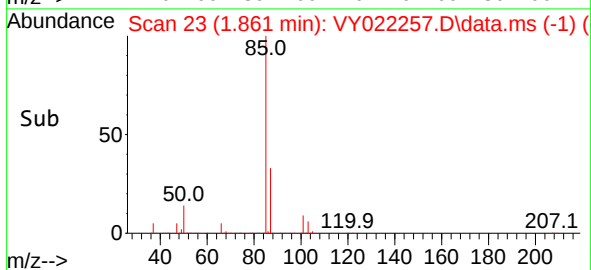
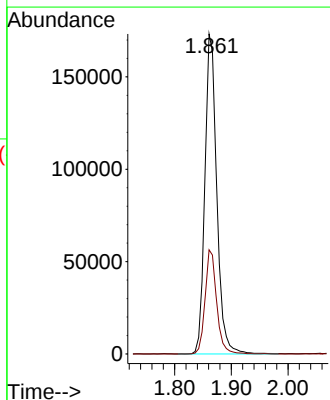
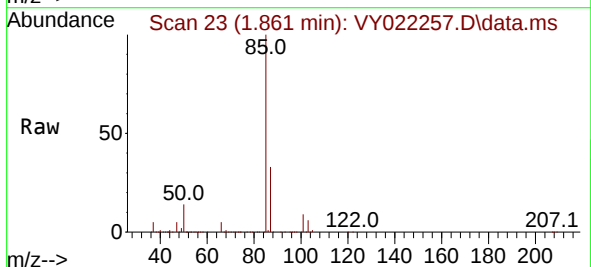
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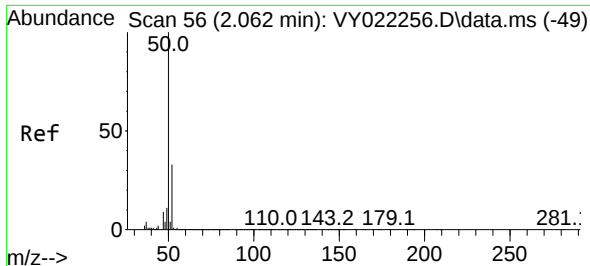
Reviewed By :Mahesh Dadoda 05/16/2025
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#2
Dichlorodifluoromethane
Concen: 90.138 ug/l
RT: 1.861 min Scan# 23
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24

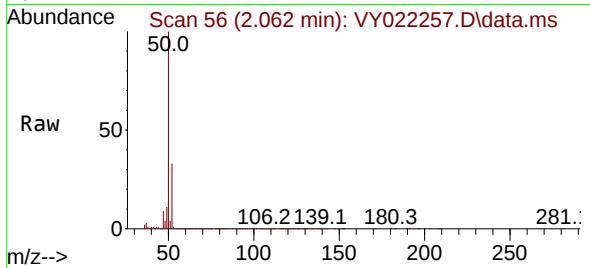
Tgt Ion: 85 Resp: 252438
Ion Ratio Lower Upper
85 100
87 32.6 16.5 49.5





#3
Chloromethane
Concen: 95.302 ug/l
RT: 2.062 min Scan# 50
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24

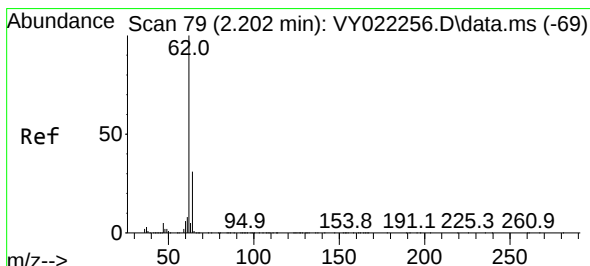
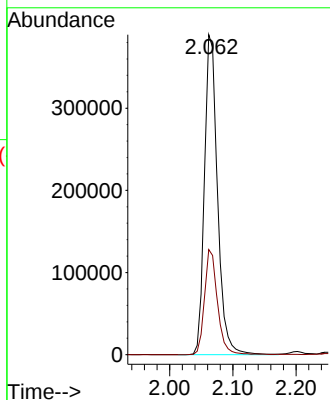
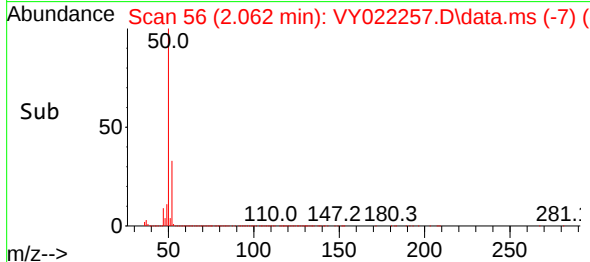
Instrument :
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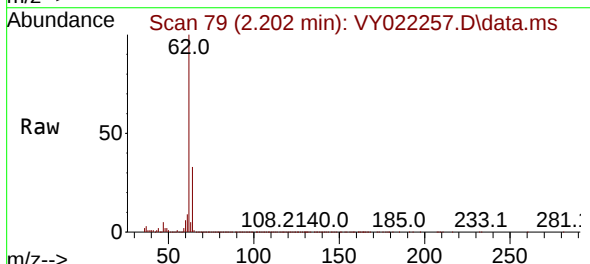
Tgt Ion: 50 Resp: 56144
Ion Ratio Lower Upper
50 100
52 32.9 26.5 39.7

Manual Integrations
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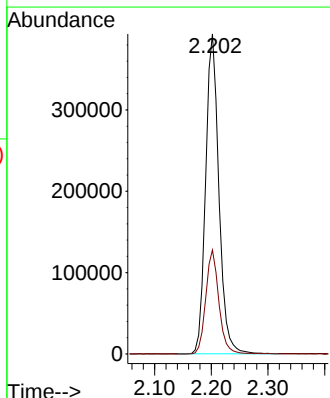
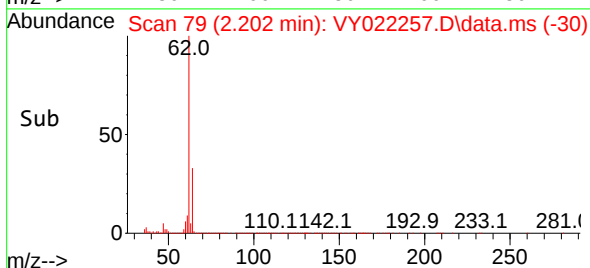
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#4
Vinyl Chloride
Concen: 97.085 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24



Tgt Ion: 62 Resp: 639001
Ion Ratio Lower Upper
62 100
64 32.5 24.5 36.7





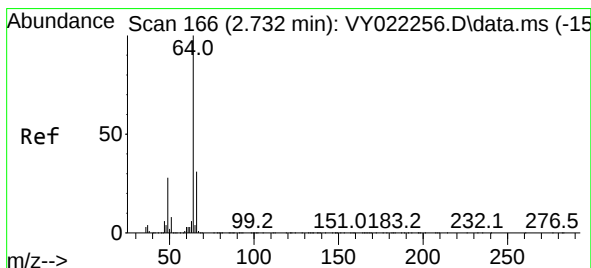
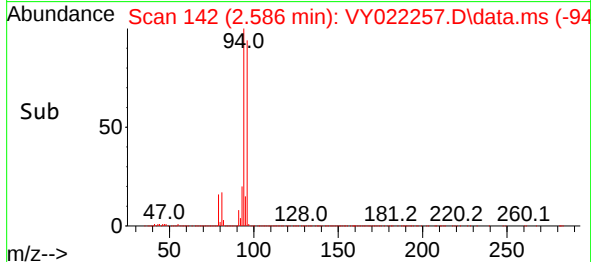
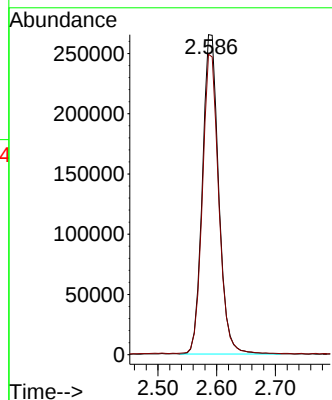
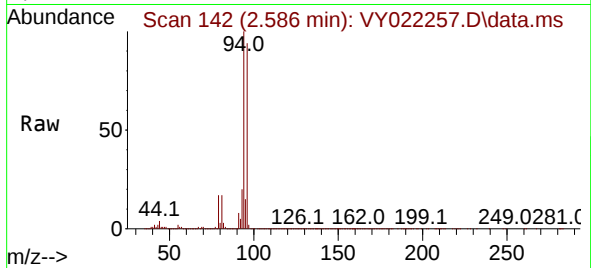
#5
Bromomethane
Concen: 95.642 ug/l
RT: 2.586 min Scan# 143
Delta R.T. -0.006 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tgt Ion: 94 Resp: 512452
Ion Ratio Lower Upper
94 100
96 93.7 73.4 110.0

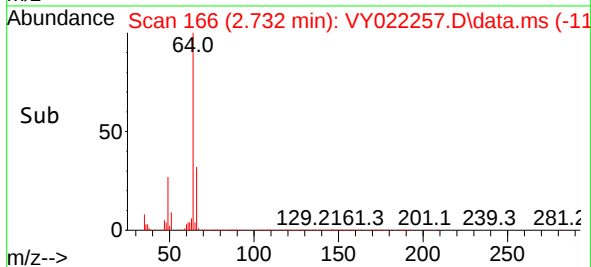
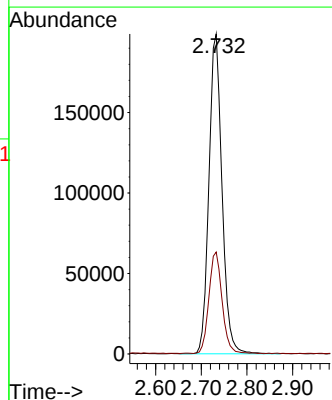
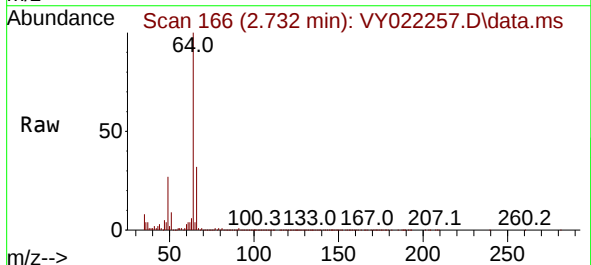
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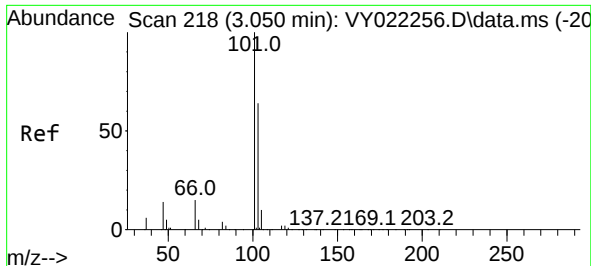
Reviewed By :Mahesh Dadoda 05/16/2025
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#6
Chloroethane
Concen: 96.113 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24

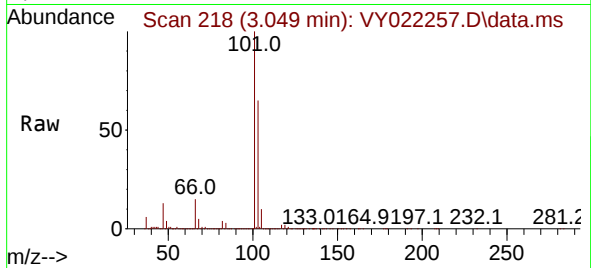
Tgt Ion: 64 Resp: 393556
Ion Ratio Lower Upper
64 100
66 31.7 24.8 37.2





#7
 Trichlorofluoromethane
 Concen: 97.581 ug/l
 RT: 3.049 min Scan# 218
 Delta R.T. -0.000 min
 Lab File: VY022257.D
 Acq: 15 May 2025 11:24

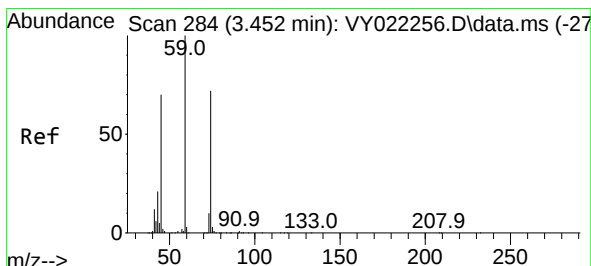
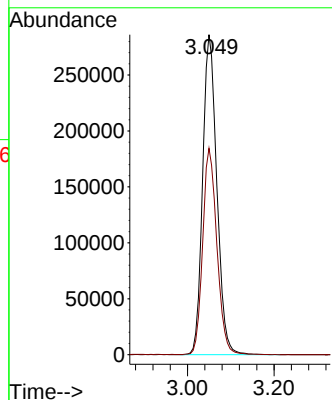
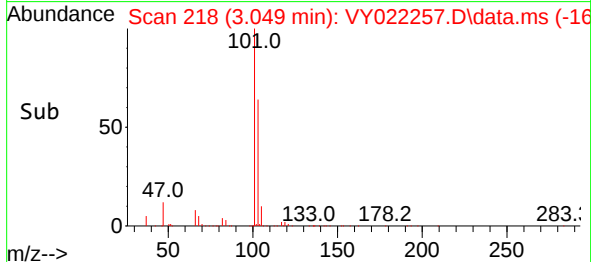
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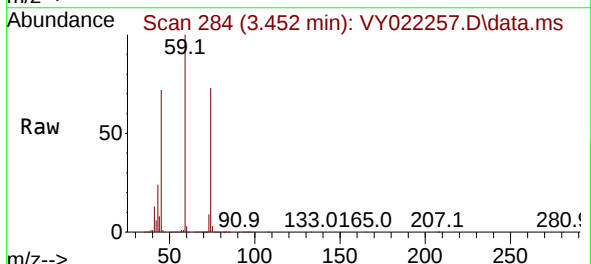
Tgt Ion:101 Resp: 65026
 Ion Ratio Lower Upper
 101 100
 103 64.5 51.7 77.5

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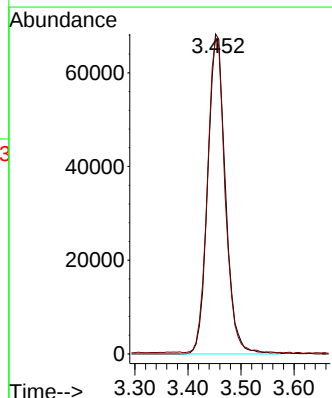
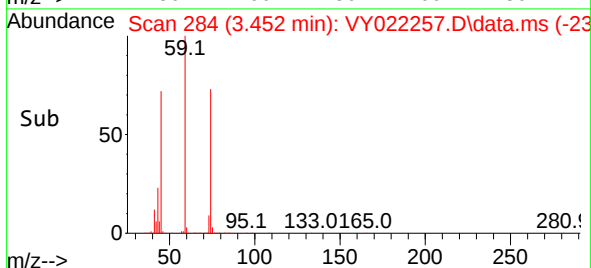
Reviewed By :Mahesh Dadoda 05/16/2025
 Supervised By :Semsettin Yesilyurt 05/16/2025



#8
 Diethyl Ether
 Concen: 99.031 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. -0.000 min
 Lab File: VY022257.D
 Acq: 15 May 2025 11:24



Tgt Ion: 74 Resp: 158375
 Ion Ratio Lower Upper
 74 100
 45 97.9 48.6 145.8





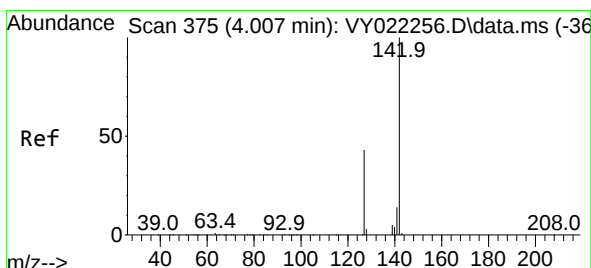
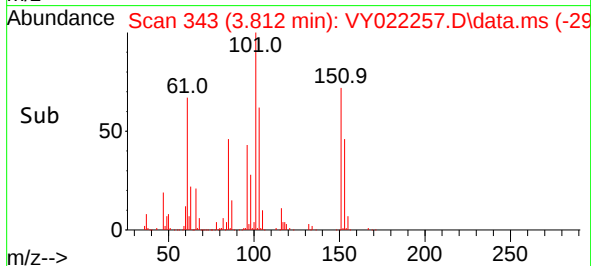
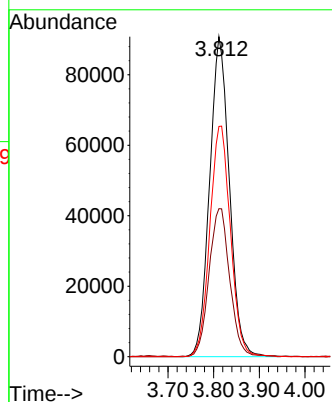
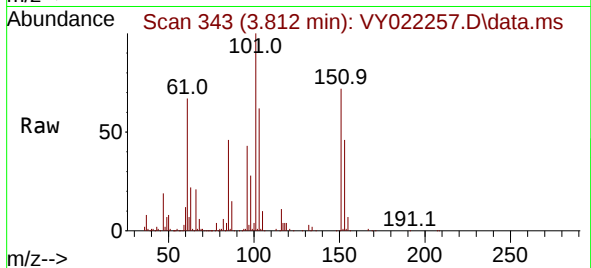
#9
1,1,2-Trichlorotrifluoroethane
Concen: 94.120 ug/l
RT: 3.812 min Scan# 344
Delta R.T. -0.006 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion:101 Resp: 27228
Ion Ratio Lower Upper
101 100
85 48.8 38.6 58.0
151 75.3 59.7 89.5

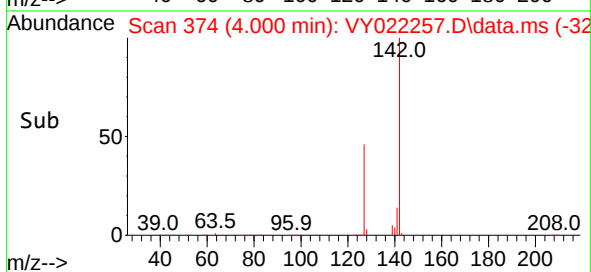
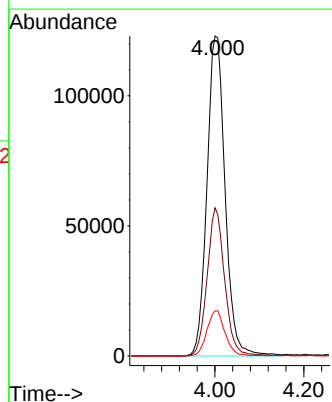
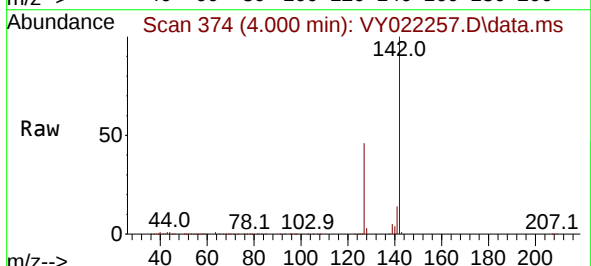
Manual Integrations
APPROVED

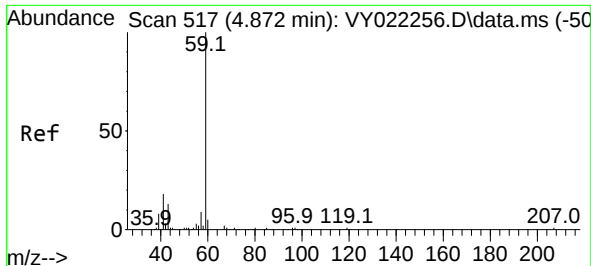
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#10
Methyl Iodide
Concen: 104.334 ug/l
RT: 4.000 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24

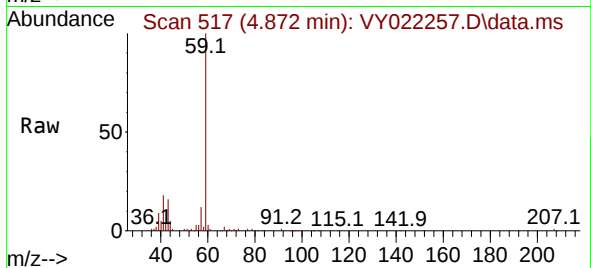
Tgt Ion:142 Resp: 349345
Ion Ratio Lower Upper
142 100
127 44.8 35.7 53.5
141 14.1 11.1 16.7





#11
Tert butyl alcohol
Concen: 502.655 ug/l
RT: 4.872 min Scan# 517
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24

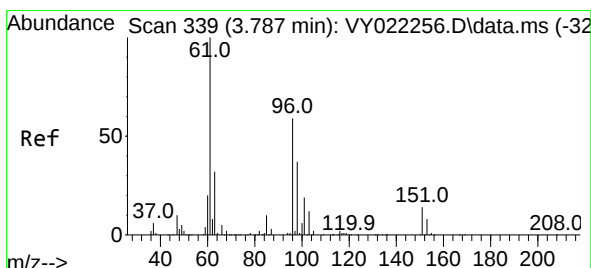
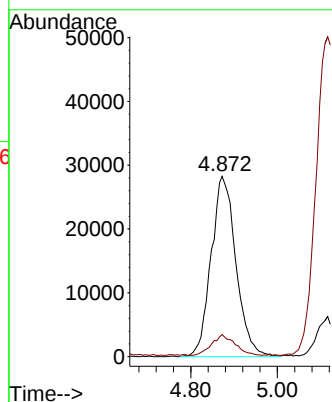
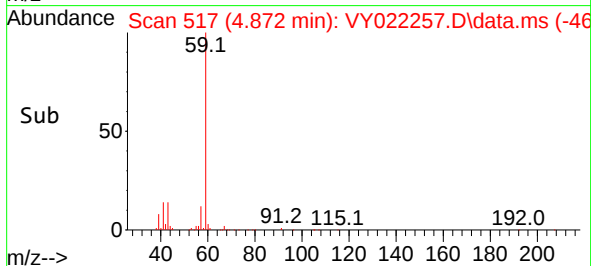
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



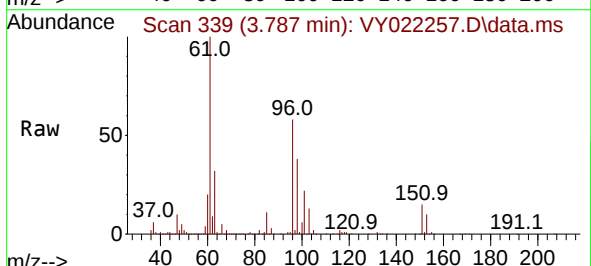
Tgt Ion: 59 Resp: 112593
Ion Ratio Lower Upper
59 100
57 10.6 0.0 0.0

Manual Integrations
APPROVED

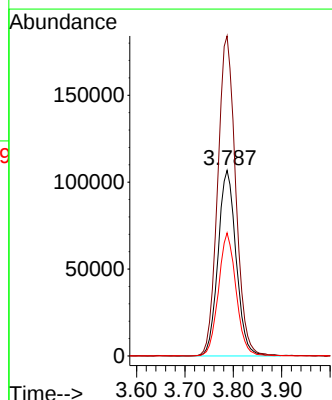
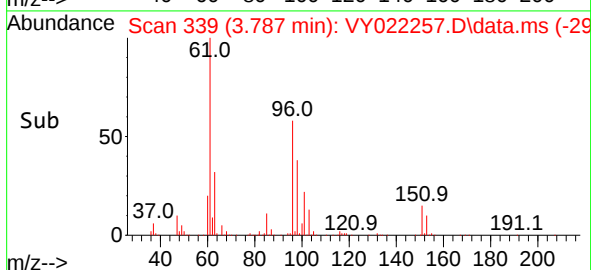
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

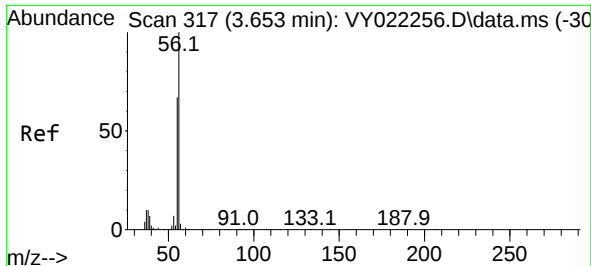


#12
1,1-Dichloroethene
Concen: 96.798 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24



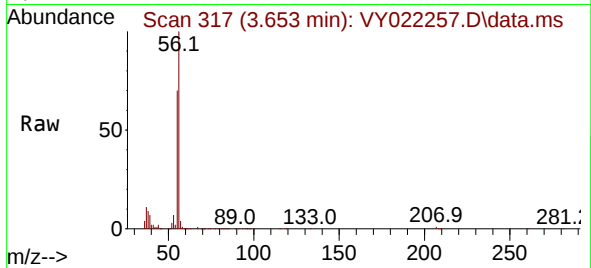
Tgt Ion: 96 Resp: 277897
Ion Ratio Lower Upper
96 100
61 172.4 134.9 202.3
98 66.2 49.9 74.9





#13
Acrolein
Concen: 478.373 ug/l
RT: 3.653 min Scan# 317
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24

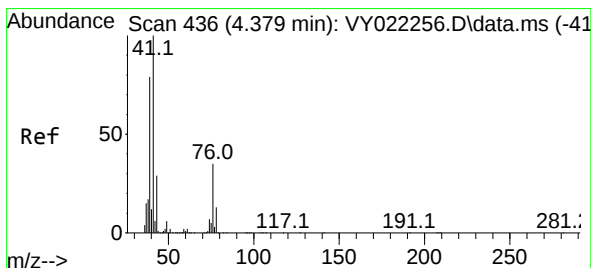
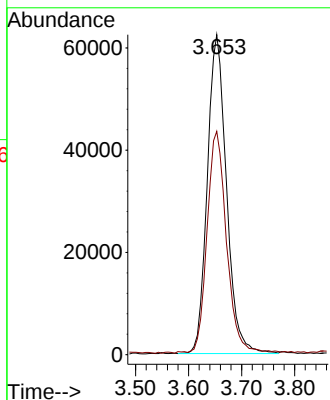
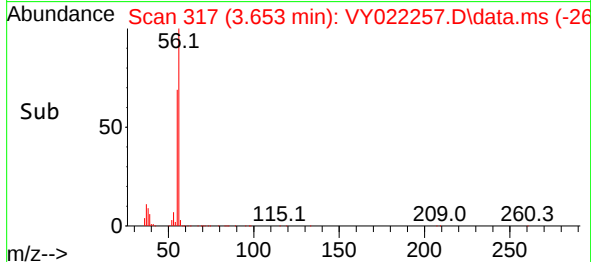
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



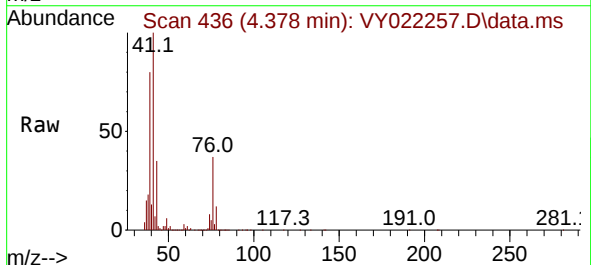
Tgt Ion: 56 Resp: 156649
Ion Ratio Lower Upper
56 100
55 70.4 55.6 83.4

Manual Integrations
APPROVED

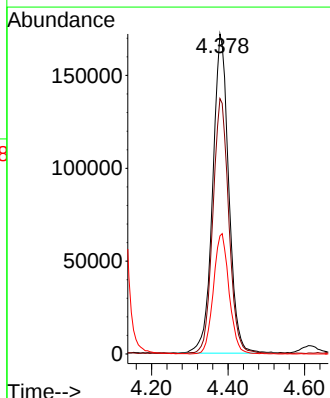
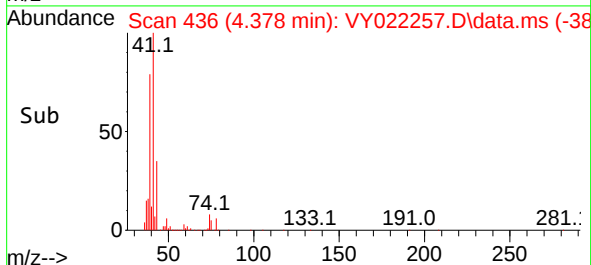
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

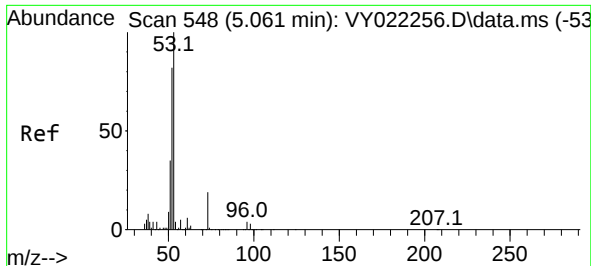


#14
Allyl chloride
Concen: 99.429 ug/l
RT: 4.378 min Scan# 436
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24



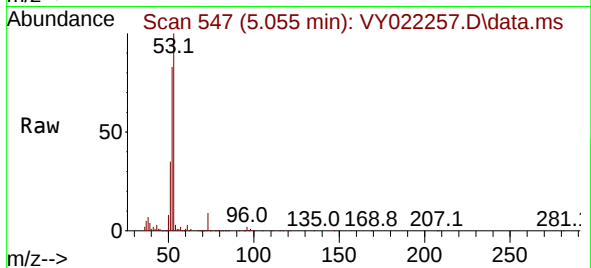
Tgt Ion: 41 Resp: 500514
Ion Ratio Lower Upper
41 100
39 79.4 63.4 95.0
76 36.9 29.5 44.3





#15
Acrylonitrile
Concen: 516.458 ug/l
RT: 5.055 min Scan# 548
Delta R.T. -0.006 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24

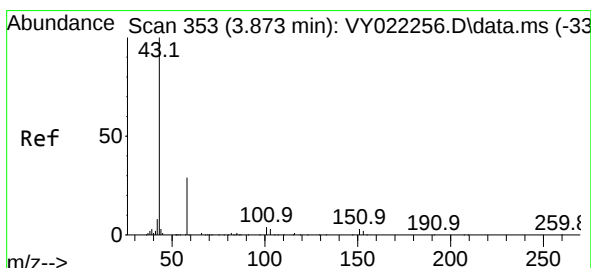
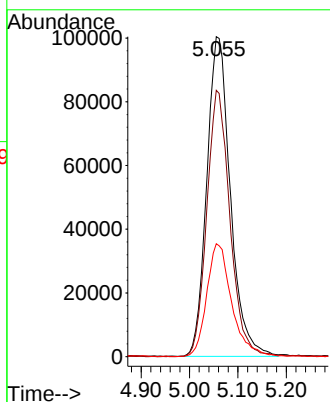
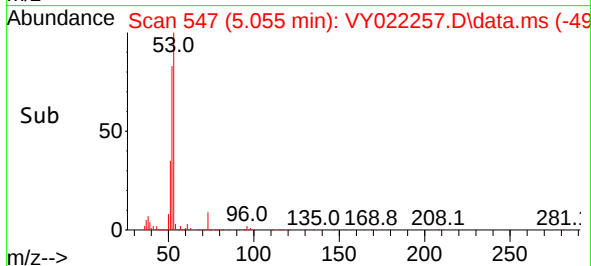
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



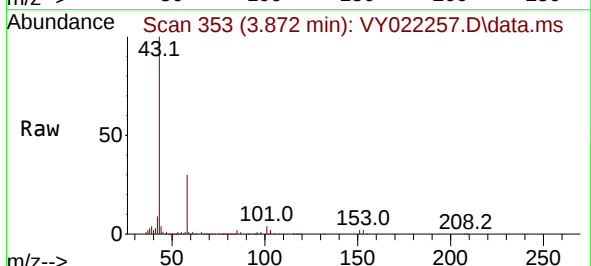
Tgt Ion: 53 Resp: 340329
Ion Ratio Lower Upper
53 100
52 81.9 66.1 99.1
51 37.4 30.0 45.0

Manual Integrations
APPROVED

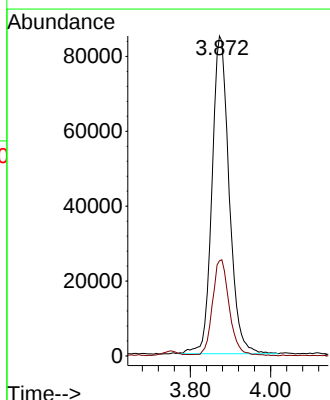
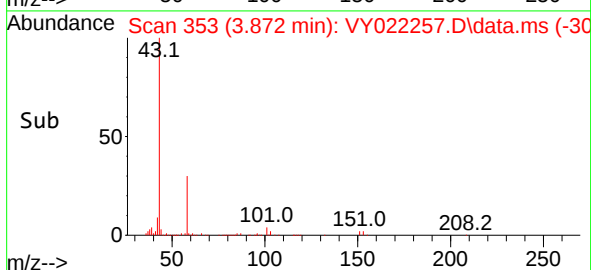
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

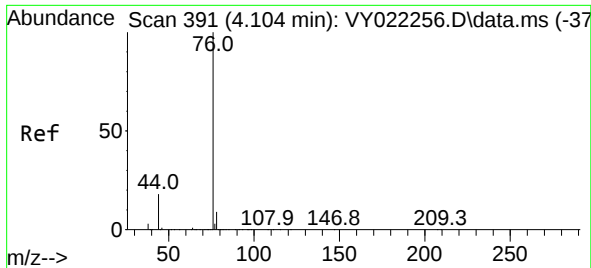


#16
Acetone
Concen: 458.767 ug/l
RT: 3.872 min Scan# 353
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24



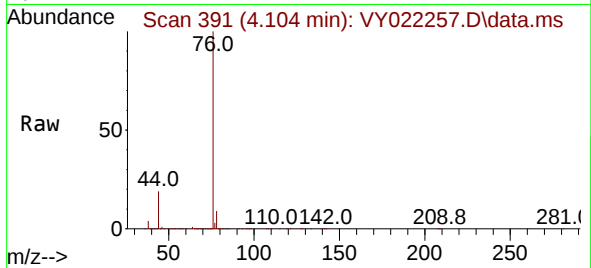
Tgt Ion: 43 Resp: 252327
Ion Ratio Lower Upper
43 100
58 29.9 23.6 35.4





#17
Carbon Disulfide
Concen: 96.251 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24

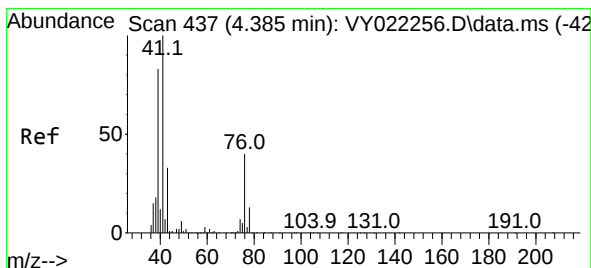
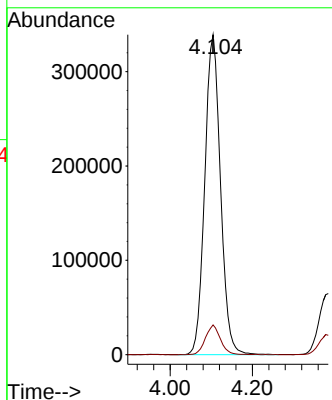
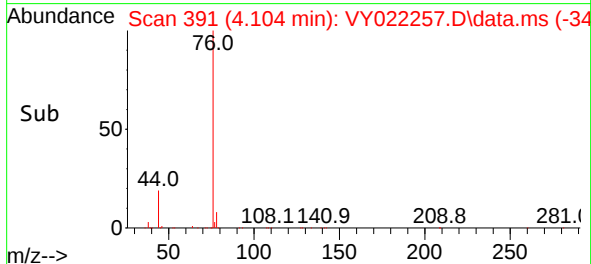
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



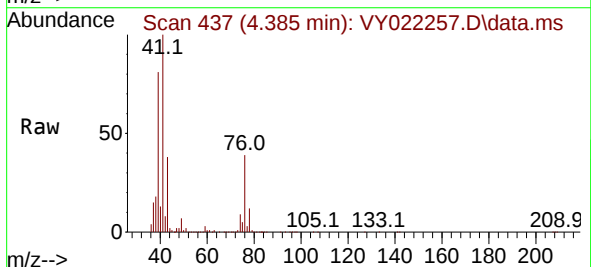
Tgt Ion: 76 Resp: 90108
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8

Manual Integrations
APPROVED

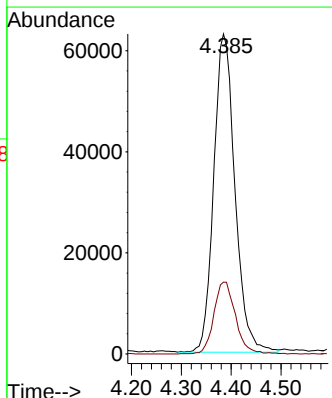
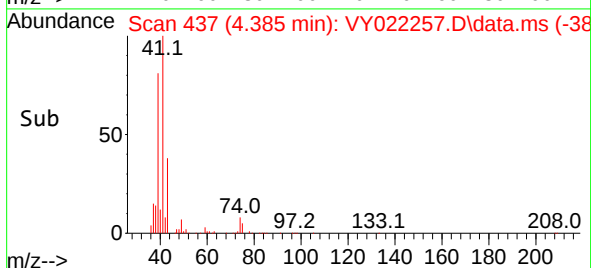
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

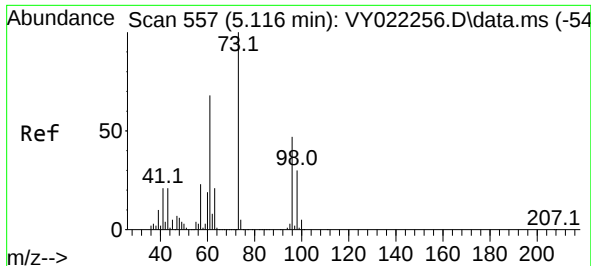


#18
Methyl Acetate
Concen: 111.043 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24



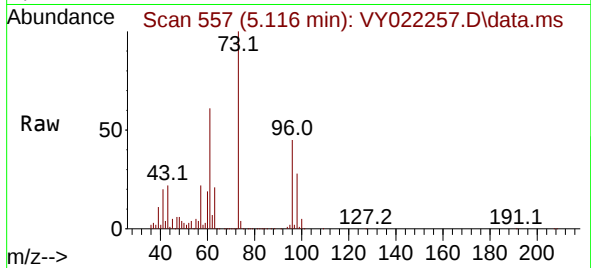
Tgt Ion: 43 Resp: 185837
Ion Ratio Lower Upper
43 100
74 22.9 18.2 27.4





#19
Methyl tert-butyl Ether
Concen: 101.997 ug/l
RT: 5.116 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24

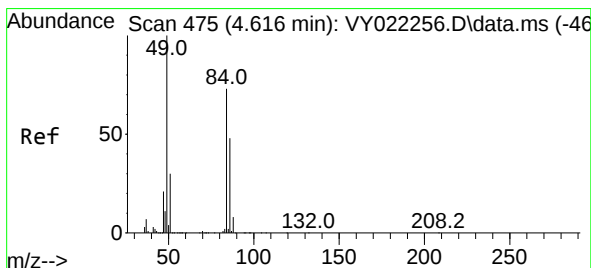
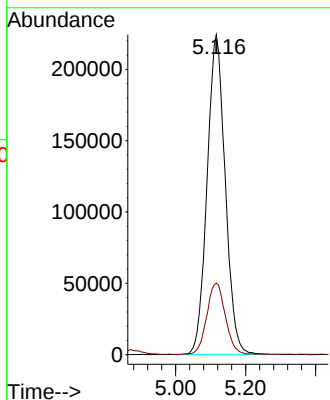
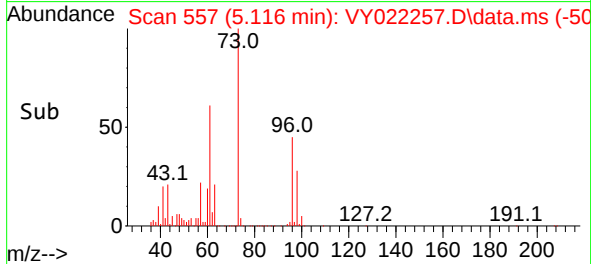
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



Tgt Ion: 73 Resp: 807404
Ion Ratio Lower Upper
73 100
57 22.3 18.6 28.0

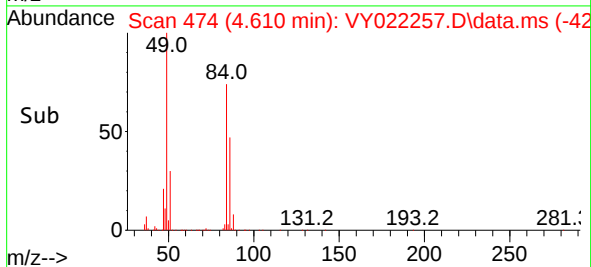
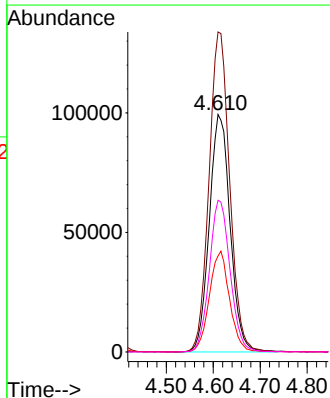
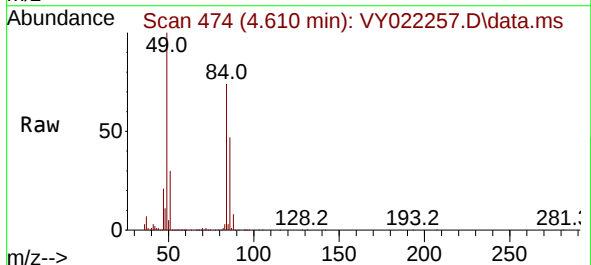
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#20
Methylene Chloride
Concen: 86.076 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24

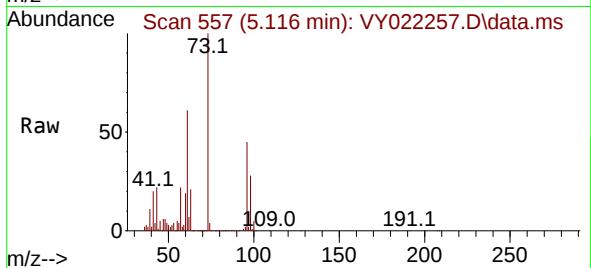
Tgt Ion: 84 Resp: 305912
Ion Ratio Lower Upper
84 100
49 134.8 109.6 164.4
51 40.3 32.4 48.6
86 63.9 52.3 78.5





#21
trans-1,2-Dichloroethene
Concen: 98.288 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24

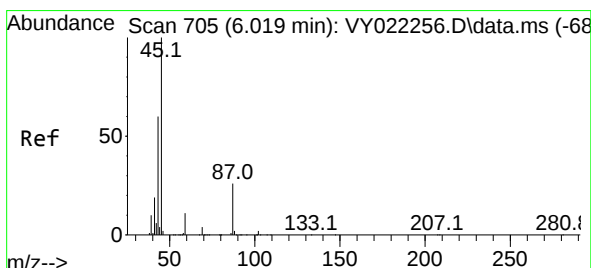
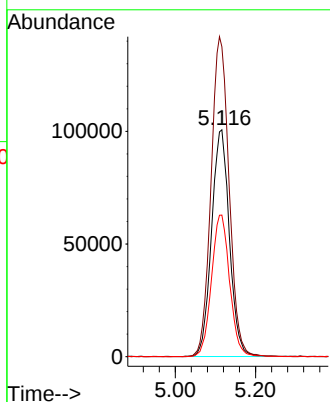
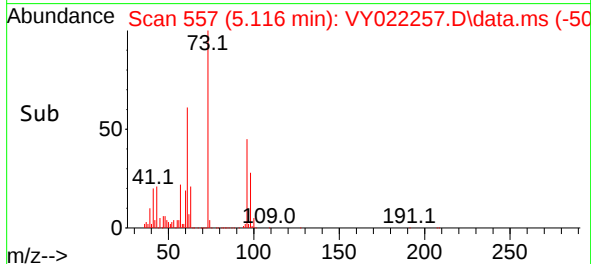
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



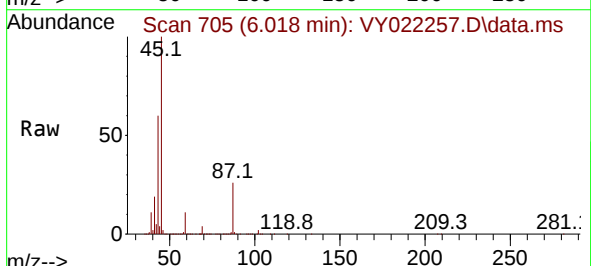
Tgt Ion: 96 Resp: 311460
Ion Ratio Lower Upper
96 100
61 136.7 113.4 170.0
98 62.4 50.9 76.3

Manual Integrations
APPROVED

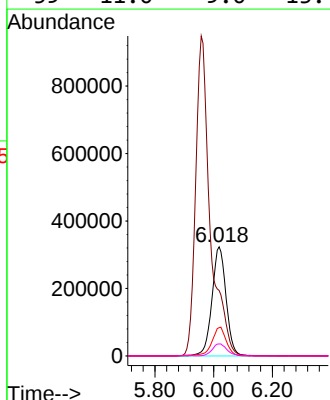
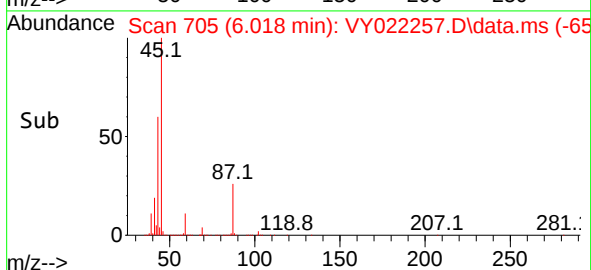
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#22
Diisopropyl ether
Concen: 101.128 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24



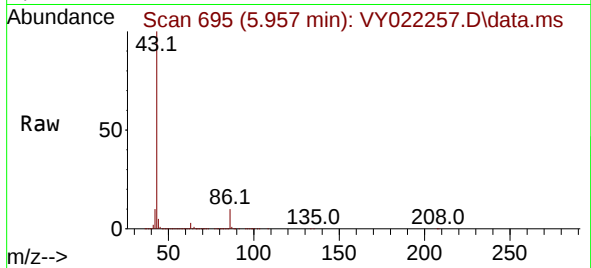
Tgt Ion: 45 Resp: 1075035
Ion Ratio Lower Upper
45 100
43 59.8 48.2 72.2
87 25.9 21.4 32.0
59 11.0 9.0 13.4





#23
 Vinyl Acetate
 Concen: 507.456 ug/l
 RT: 5.957 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY022257.D
 Acq: 15 May 2025 11:24

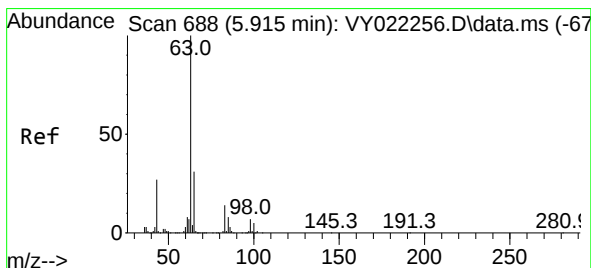
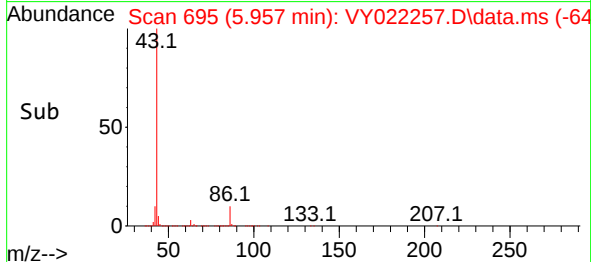
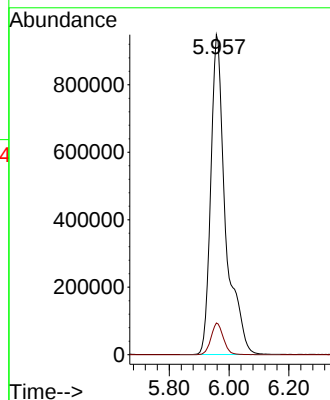
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100



Tgt Ion: 43 Resp: 3259000
 Ion Ratio Lower Upper
 43 100
 86 9.9 7.8 11.8

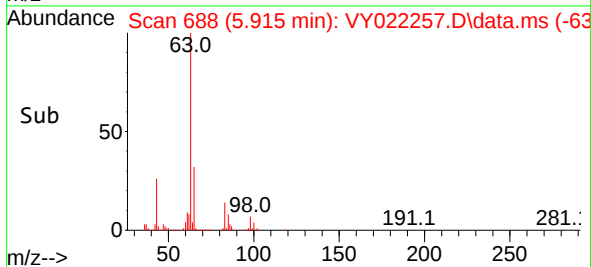
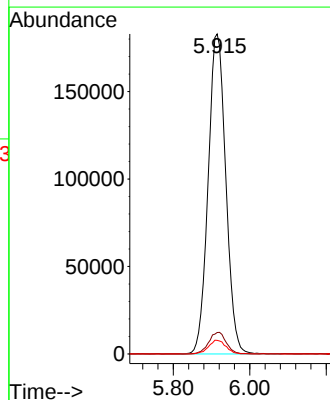
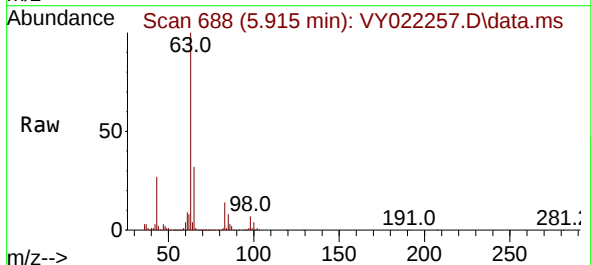
Manual Integrations
 APPROVED

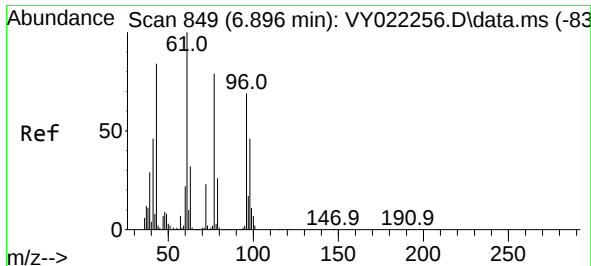
Reviewed By :Mahesh Dadoda 05/16/2025
 Supervised By :Semsettin Yesilyurt 05/16/2025



#24
 1,1-Dichloroethane
 Concen: 98.750 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY022257.D
 Acq: 15 May 2025 11:24

Tgt Ion: 63 Resp: 586479
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.5 10.5
 100 4.2 2.4 7.2





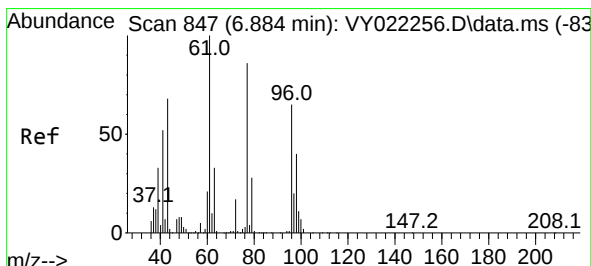
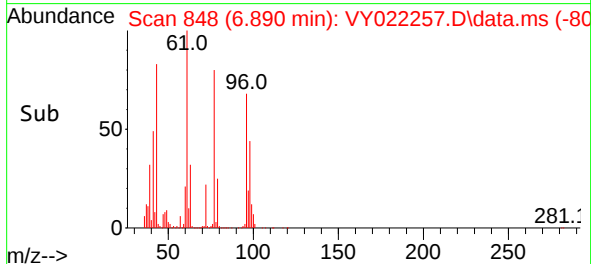
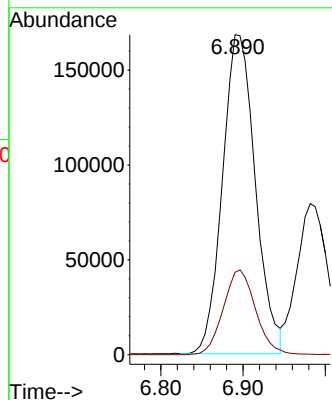
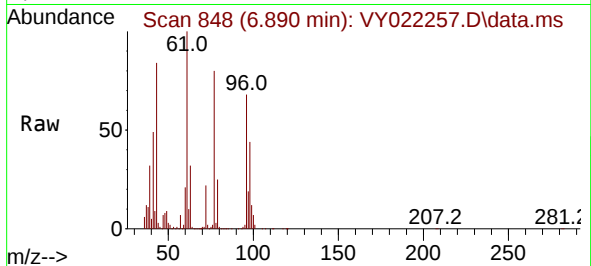
#25
2-Butanone
Concen: 507.932 ug/l
RT: 6.890 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tgt Ion: 43 Resp: 46730
Ion Ratio Lower Upper
43 100
72 25.8 22.1 33.1

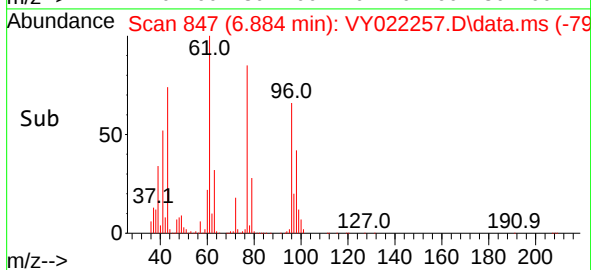
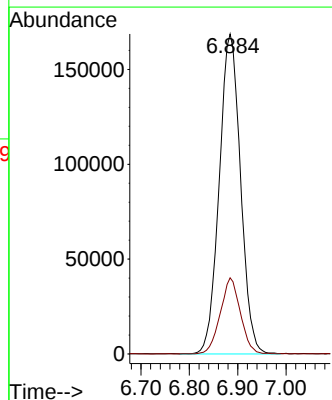
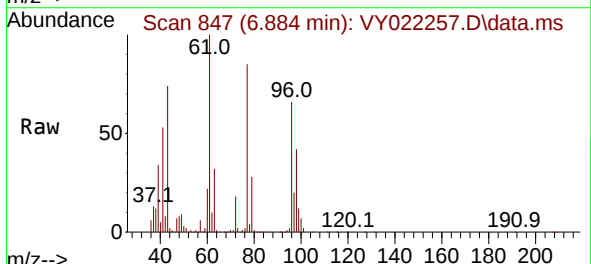
Manual Integrations
APPROVED

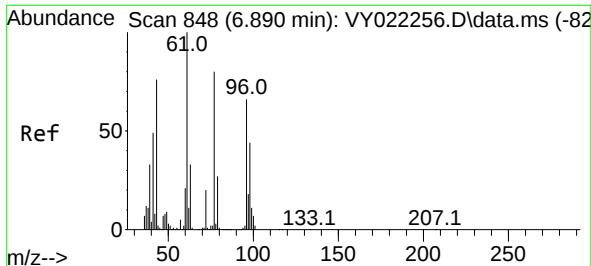
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#26
2,2-Dichloropropane
Concen: 97.682 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24

Tgt Ion: 77 Resp: 515990
Ion Ratio Lower Upper
77 100
97 22.5 11.2 33.5





#27

cis-1,2-Dichloroethene

Concen: 100.861 ug/l

RT: 6.890 min Scan# 848

Delta R.T. -0.000 min

Lab File: VY022257.D

Acq: 15 May 2025 11:24

Instrument :

MSVOA_Y

ClientSampleId :

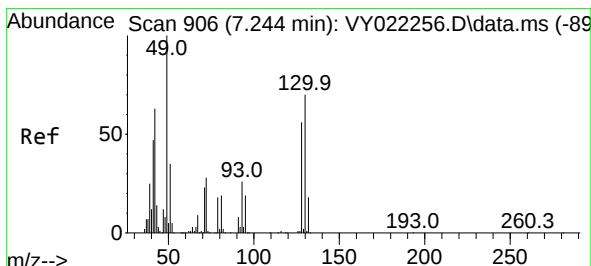
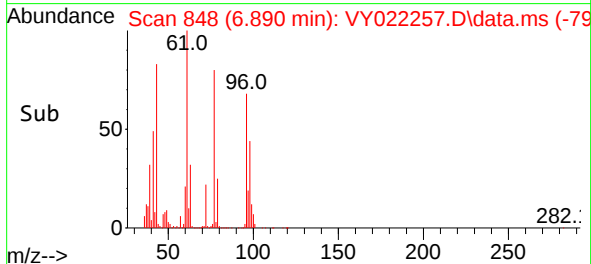
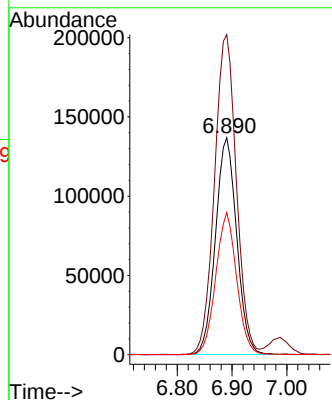
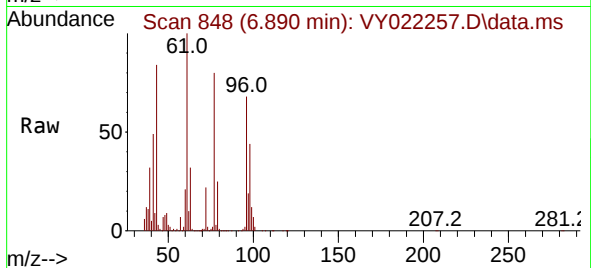
VSTDICC100

Tgt Ion:	96	Resp:	368820
Ion	Ratio	Lower	Upper
96	100		
61	152.0	0.0	302.6
98	64.6	0.0	128.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#28

Bromochloromethane

Concen: 99.349 ug/l

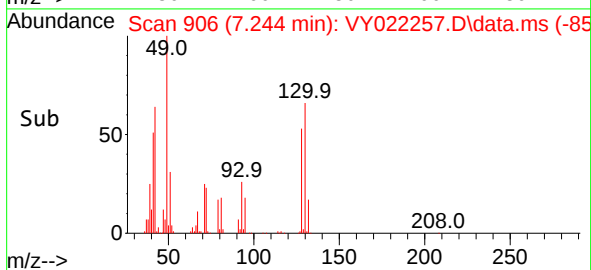
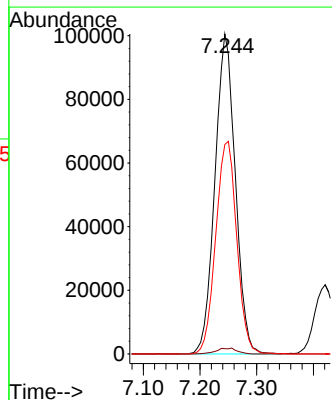
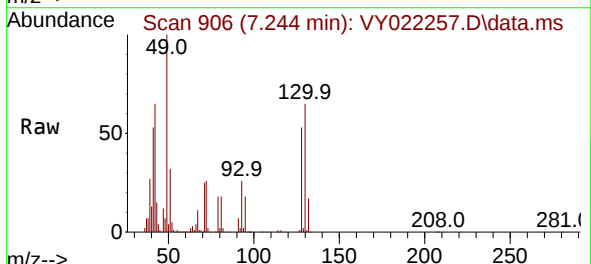
RT: 7.244 min Scan# 906

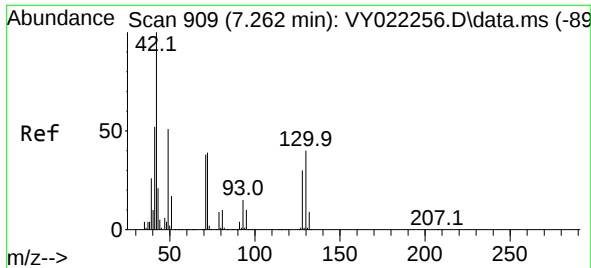
Delta R.T. -0.000 min

Lab File: VY022257.D

Acq: 15 May 2025 11:24

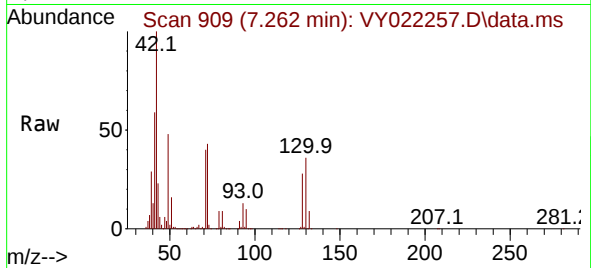
Tgt Ion:	49	Resp:	251676
Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.6
130	68.4	54.7	82.1





#29
Tetrahydrofuran
Concen: 527.609 ug/l
RT: 7.262 min Scan# 909
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24

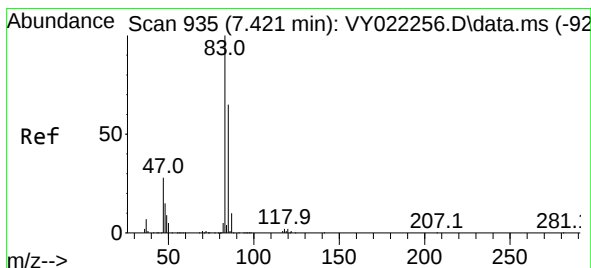
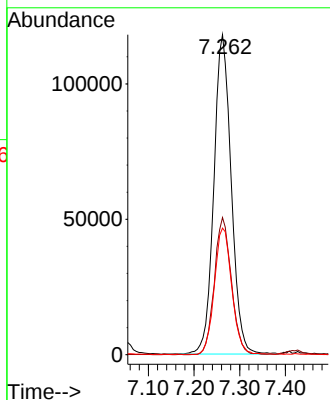
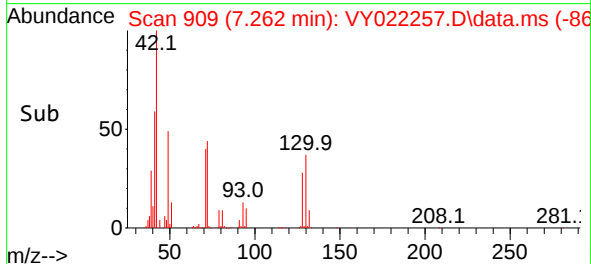
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



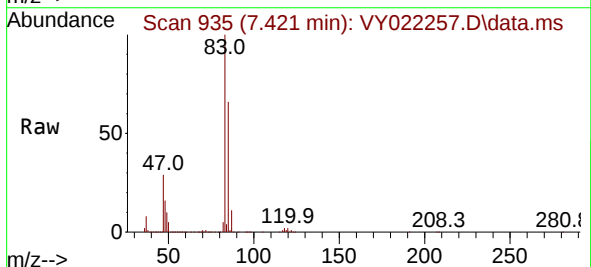
Tgt Ion: 42 Resp: 312280
Ion Ratio Lower Upper
42 100
72 42.0 33.8 50.6
71 39.4 31.5 47.3

Manual Integrations
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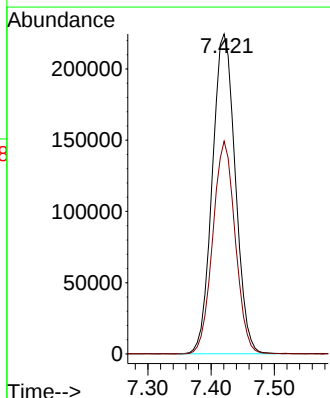
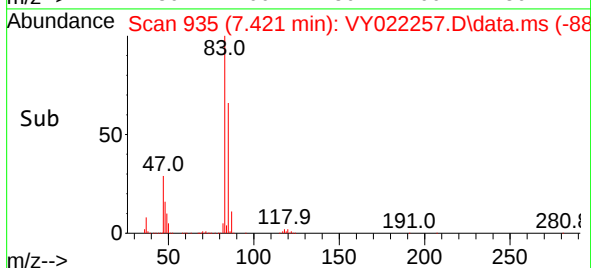
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

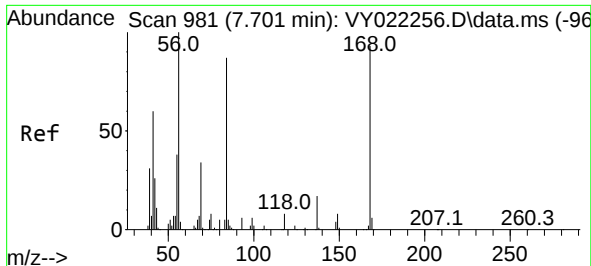


#30
Chloroform
Concen: 99.326 ug/l
RT: 7.421 min Scan# 935
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24



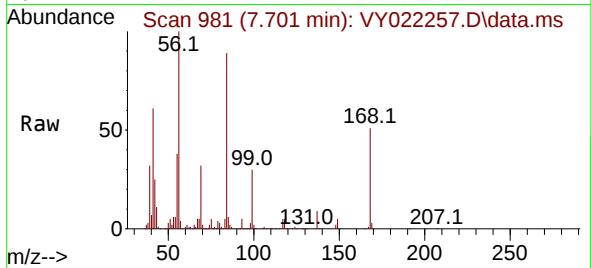
Tgt Ion: 83 Resp: 565823
Ion Ratio Lower Upper
83 100
85 66.5 51.8 77.8





#31
Cyclohexane
Concen: 90.301 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24

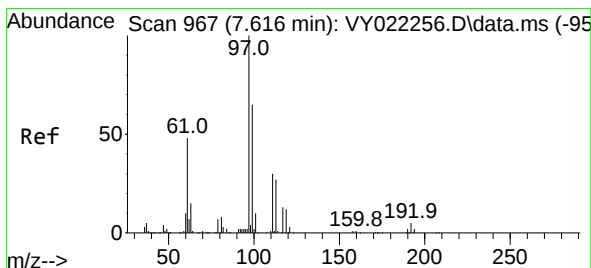
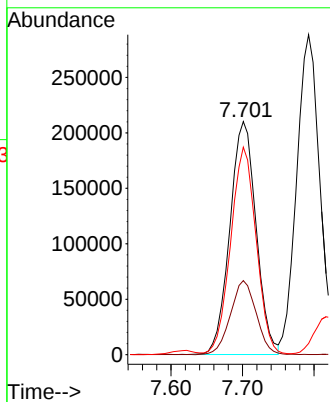
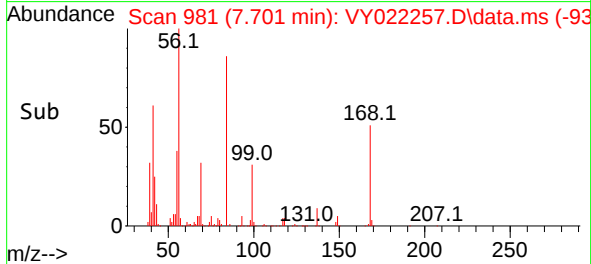
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



Tgt Ion: 56 Resp: 535839
Ion Ratio Lower Upper
56 100
69 31.8 27.4 41.2
84 87.6 70.0 105.0

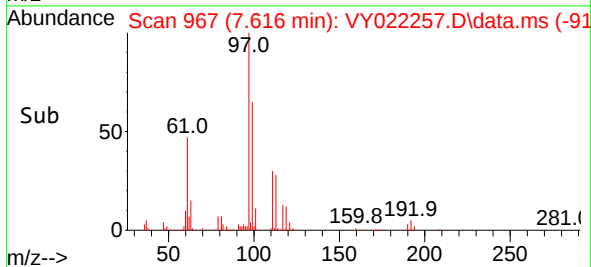
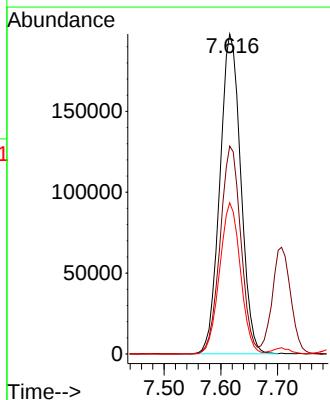
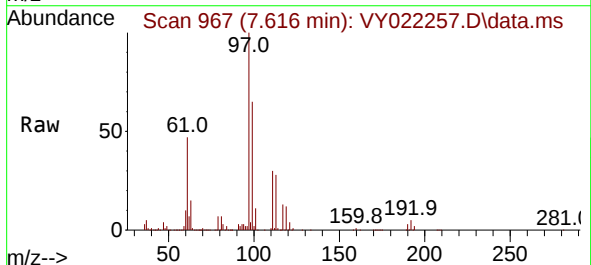
Manual Integrations
APPROVED

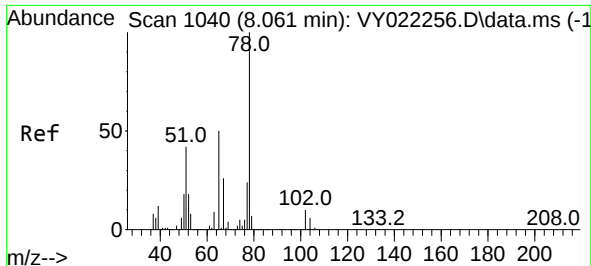
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#32
1,1,1-Trichloroethane
Concen: 96.995 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24

Tgt Ion: 97 Resp: 506927
Ion Ratio Lower Upper
97 100
99 64.4 51.4 77.0
61 47.1 38.1 57.1





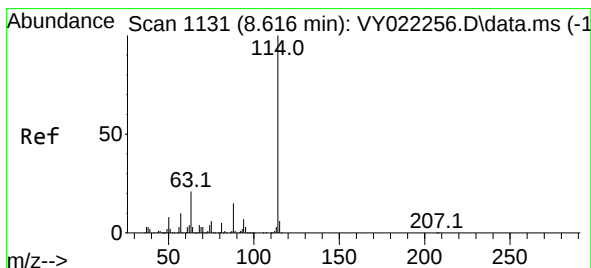
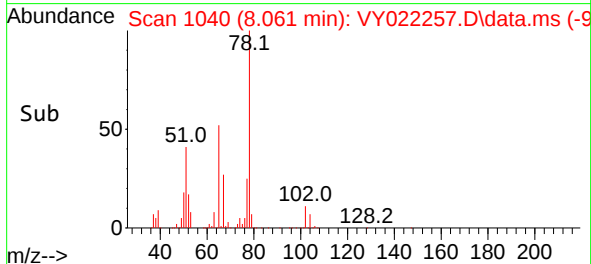
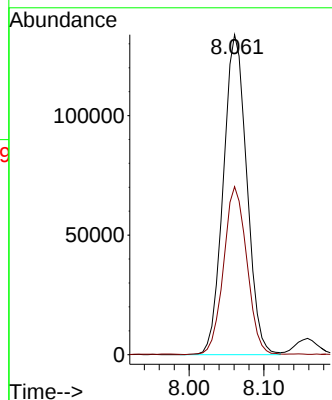
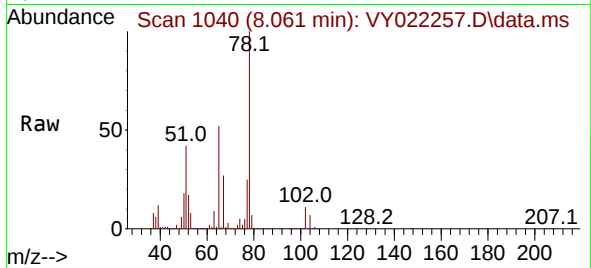
#33
1,2-Dichloroethane-d4
Concen: 99.729 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tgt Ion: 65 Resp: 29253
Ion Ratio Lower Upper
65 100
67 51.8 0.0 104.6

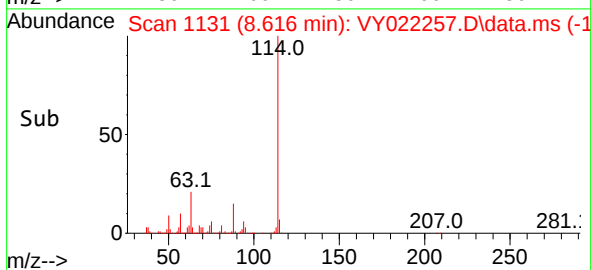
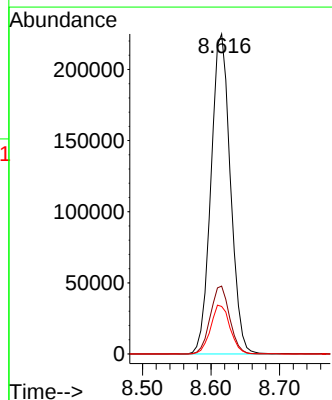
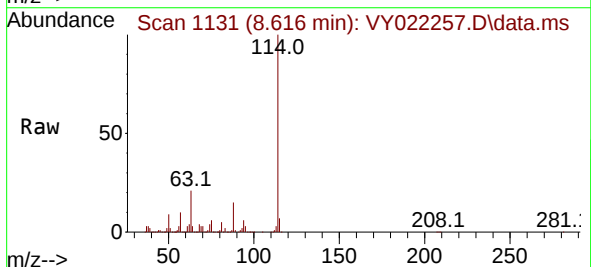
Manual Integrations
APPROVED

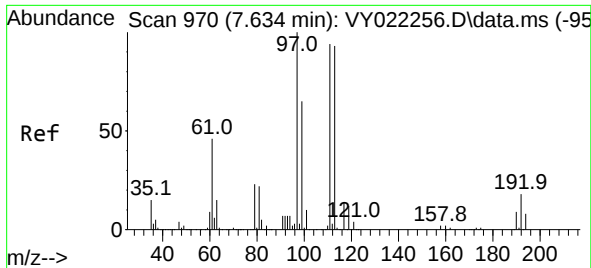
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24

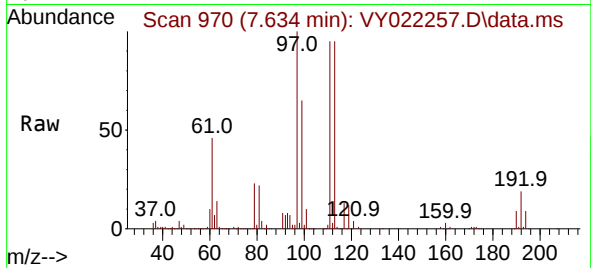
Tgt Ion:114 Resp: 443341
Ion Ratio Lower Upper
114 100
63 21.2 0.0 41.0
88 14.9 0.0 29.4





#35
Dibromofluoromethane
Concen: 99.389 ug/l
RT: 7.634 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24

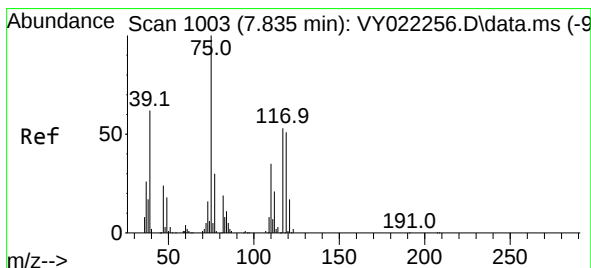
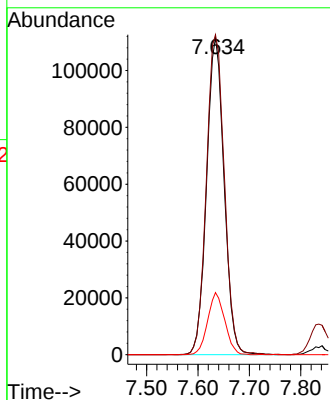
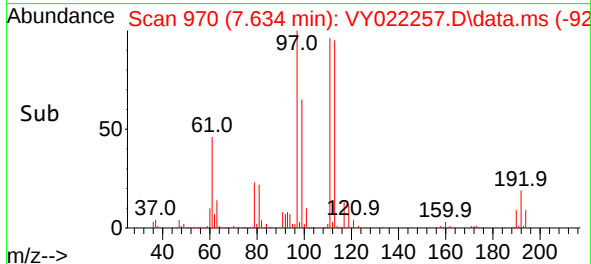
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



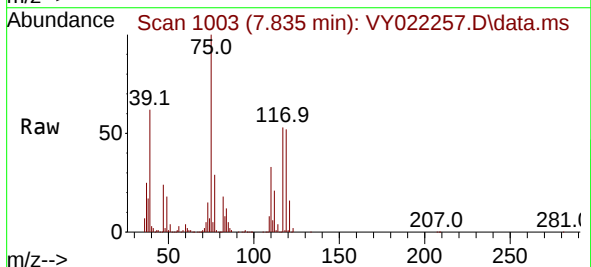
Tgt Ion: 113 Resp: 262995
Ion Ratio Lower Upper
113 100
111 103.9 82.6 123.8
192 19.2 15.2 22.8

Manual Integrations
APPROVED

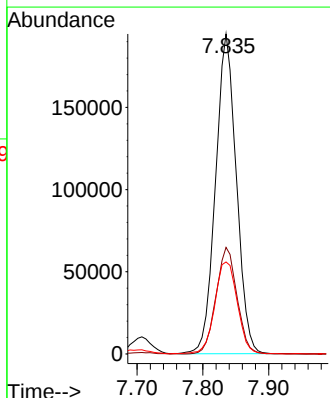
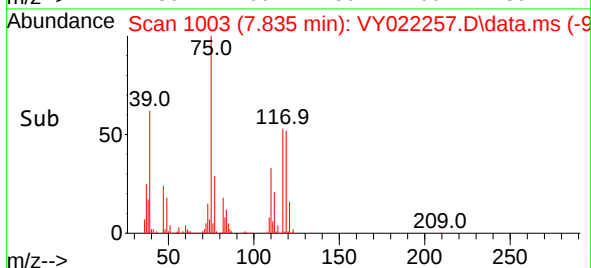
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

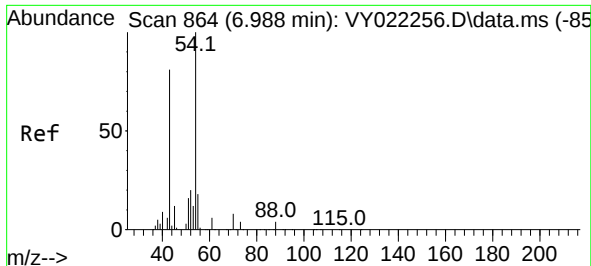


#36
1,1-Dichloropropene
Concen: 98.465 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24



Tgt Ion: 75 Resp: 429153
Ion Ratio Lower Upper
75 100
110 33.5 16.6 49.8
77 31.2 24.6 37.0





#37

Ethyl Acetate

Concen: 101.642 ug/l

RT: 6.982 min Scan# 80

Delta R.T. -0.006 min

Lab File: VY022257.D

Acq: 15 May 2025 11:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

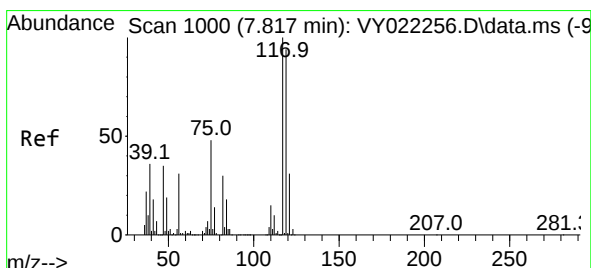
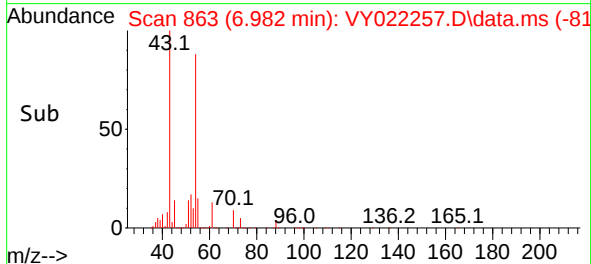
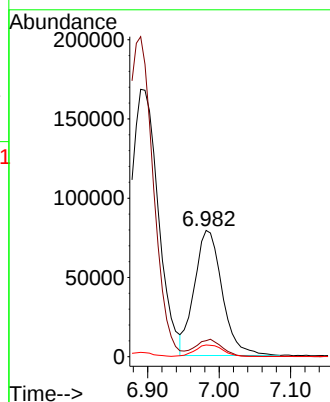
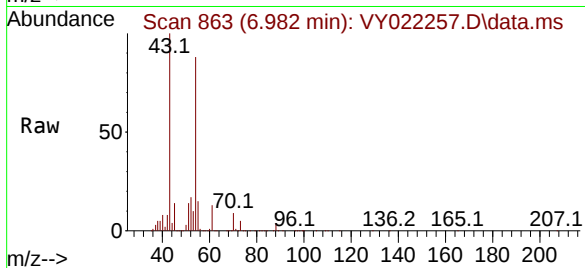
Tgt Ion: 43 Resp: 21315

Ion	Ratio	Lower	Upper
43	100		
61	13.0	10.2	15.2
70	9.1	7.6	11.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#38

Carbon Tetrachloride

Concen: 100.097 ug/l

RT: 7.817 min Scan# 1000

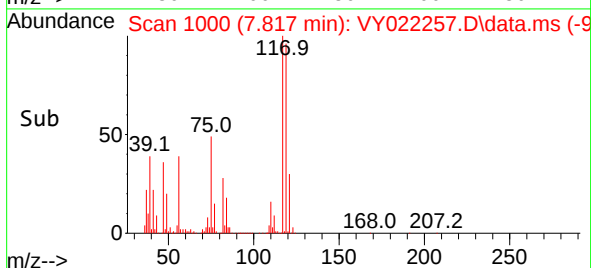
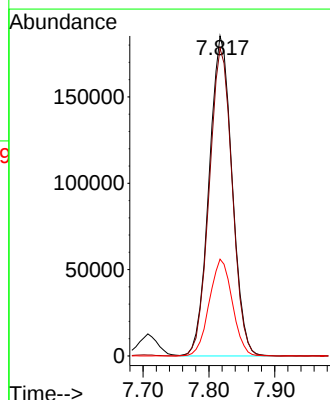
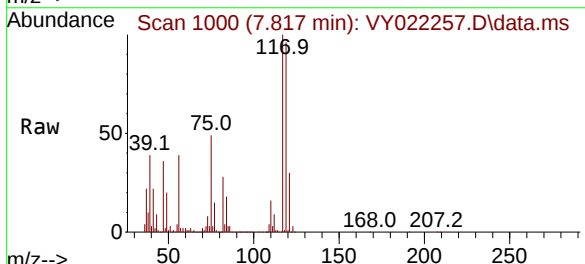
Delta R.T. -0.000 min

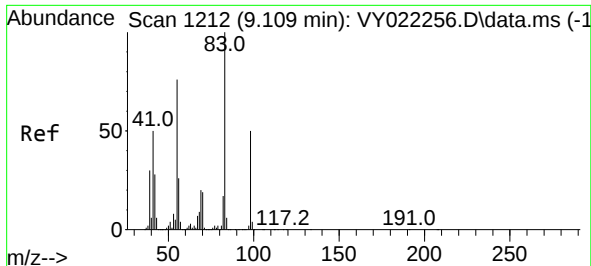
Lab File: VY022257.D

Acq: 15 May 2025 11:24

Tgt Ion:117 Resp: 451589

Ion	Ratio	Lower	Upper
117	100		
119	96.2	75.3	112.9
121	30.3	24.7	37.1





#39

Methylcyclohexane

Concen: 96.704 ug/l

RT: 9.109 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VY022257.D

Acq: 15 May 2025 11:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

Tgt Ion: 83 Resp: 566259

Ion Ratio Lower Upper

83 100

55 75.9 60.6 90.8

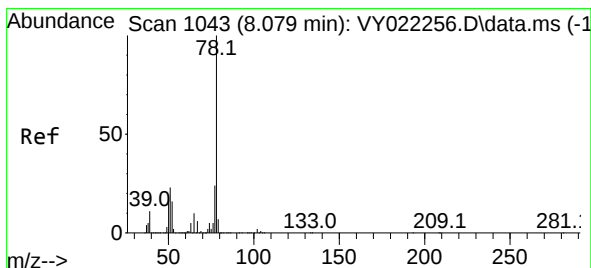
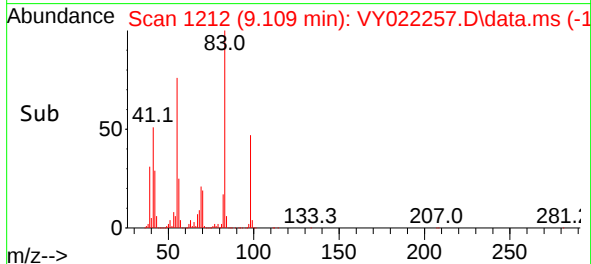
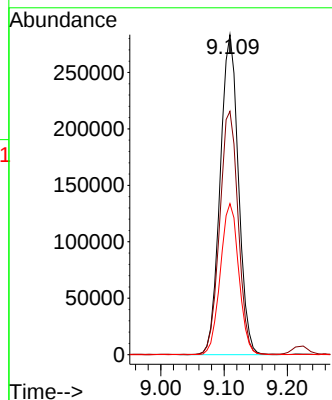
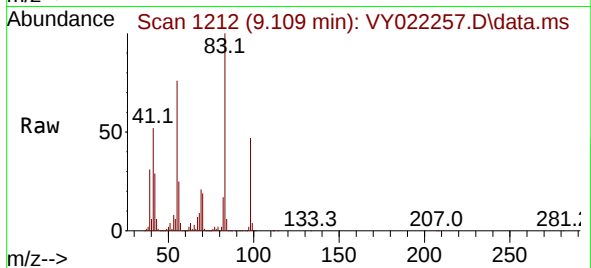
98 47.2 40.0 60.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025

Supervised By :Semsettin Yesilyurt 05/16/2025



#40

Benzene

Concen: 101.677 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.000 min

Lab File: VY022257.D

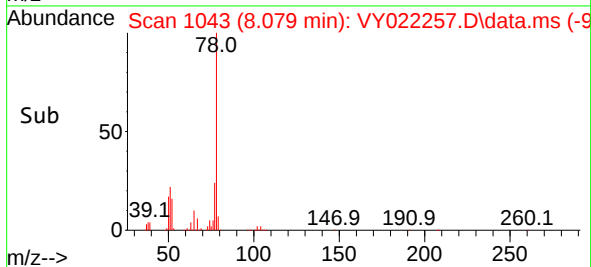
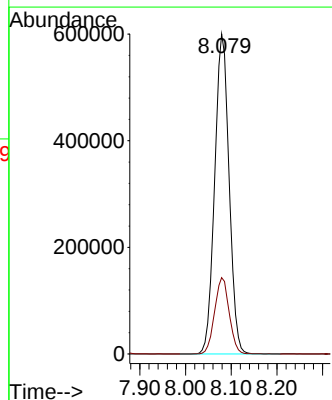
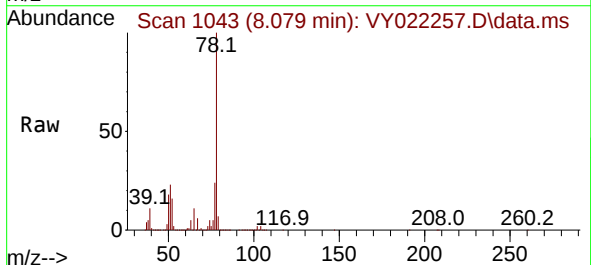
Acq: 15 May 2025 11:24

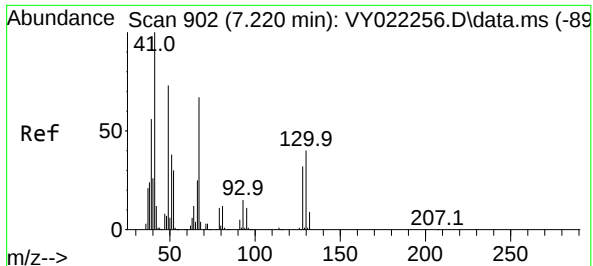
Tgt Ion: 78 Resp: 1313733

Ion Ratio Lower Upper

78 100

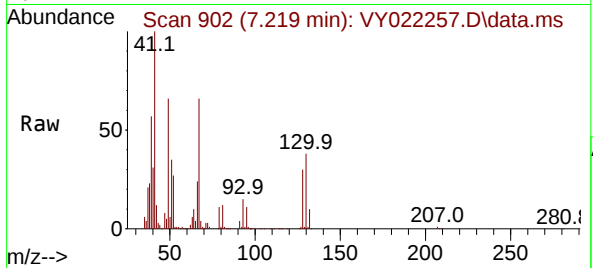
77 23.8 18.9 28.3





#41
Methacrylonitrile
Concen: 85.474 ug/l m
RT: 7.219 min Scan# 902
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24

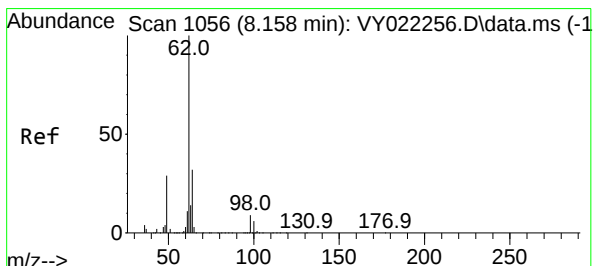
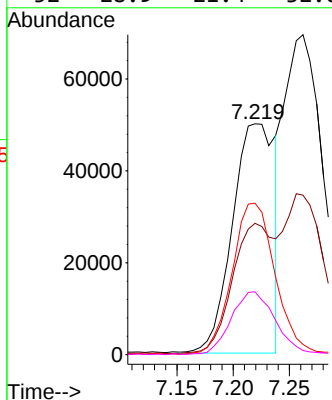
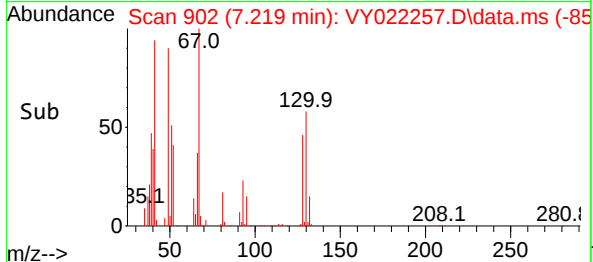
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



Tgt Ion:	41	Ratio	100	Resp:	13115
Ion	41	Ratio	100	Lower	Upper
39	55.7	39.1	58.7		
67	67.2	47.1	70.7		
52	28.9	21.4	32.0		

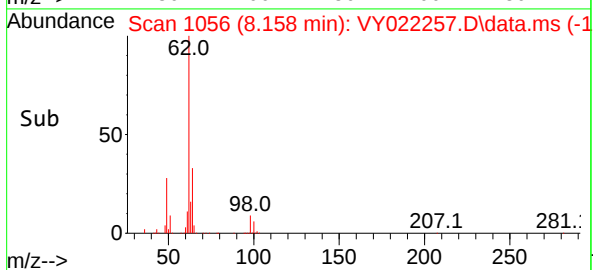
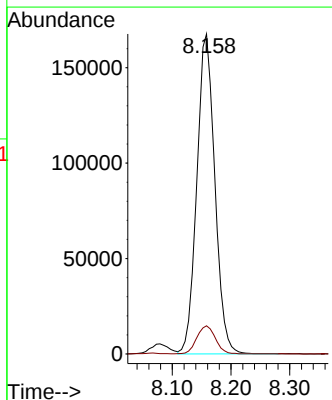
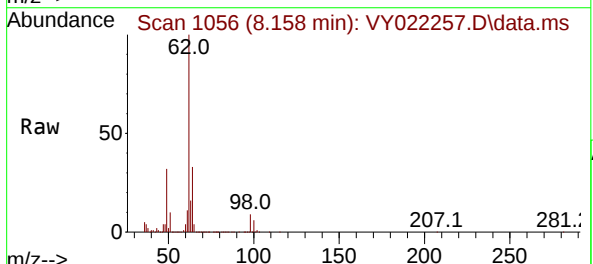
Manual Integrations
APPROVED

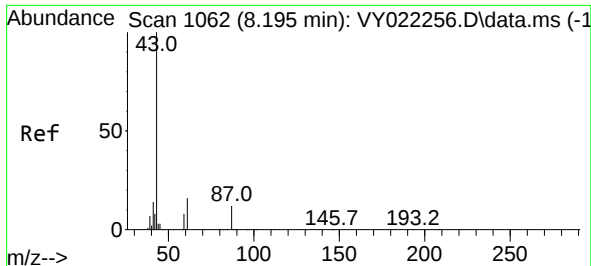
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#42
1,2-Dichloroethane
Concen: 102.165 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24

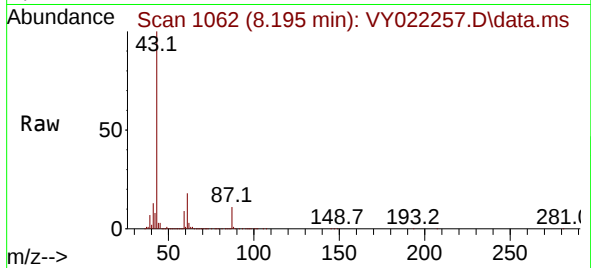
Tgt Ion:	62	Ratio	100	Resp:	356974
Ion	62	Ratio	100	Lower	Upper
98	9.1	0.0	18.4		





#43
Isopropyl Acetate
Concen: 103.517 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24

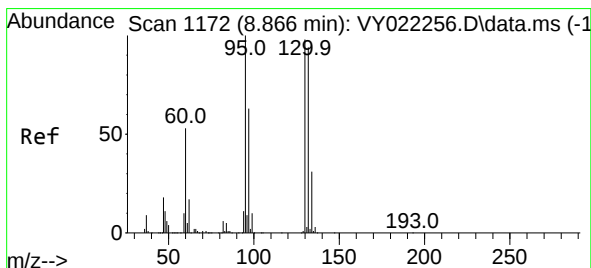
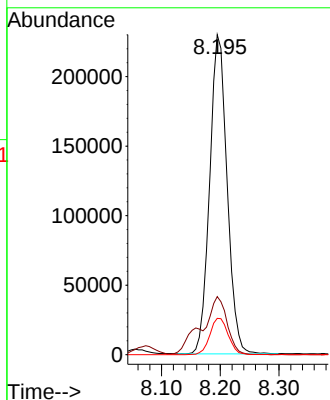
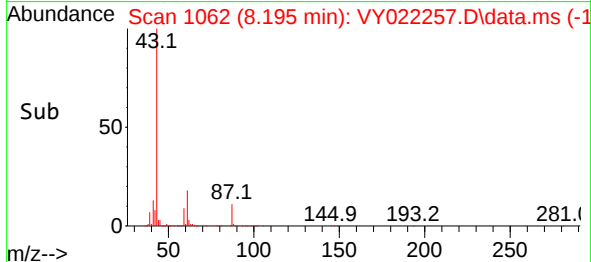
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



Tgt Ion: 43 Resp: 473430
Ion Ratio Lower Upper
43 100
61 18.5 15.1 22.7
87 12.0 9.7 14.5

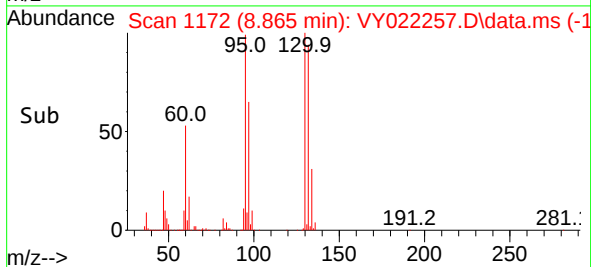
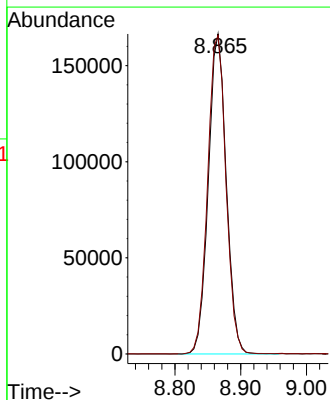
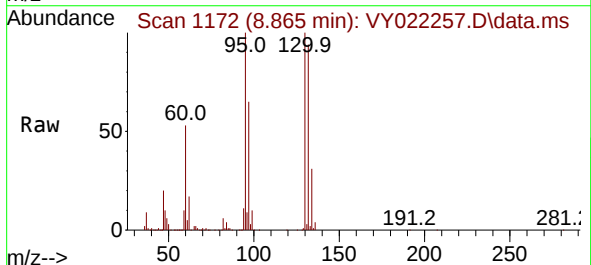
Manual Integrations
APPROVED

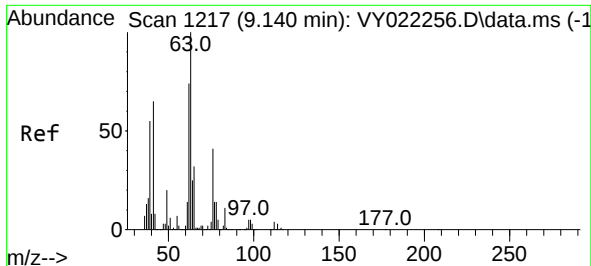
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#44
Trichloroethene
Concen: 98.218 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24

Tgt Ion:130 Resp: 315543
Ion Ratio Lower Upper
130 100
95 99.5 0.0 204.8





#45

1,2-Dichloropropane

Concen: 100.858 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.000 min

Lab File: VY022257.D

Acq: 15 May 2025 11:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

Tgt Ion: 63 Resp: 314179

Ion Ratio Lower Upper

63 100

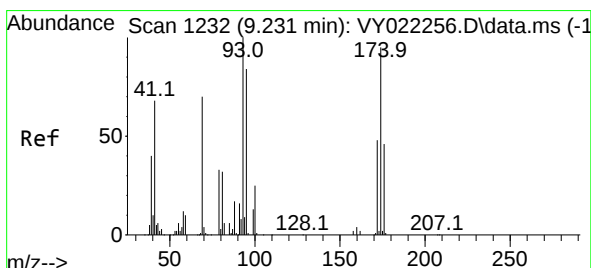
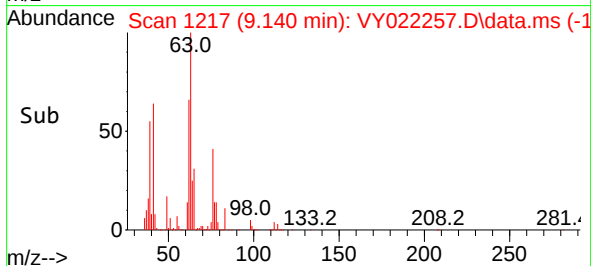
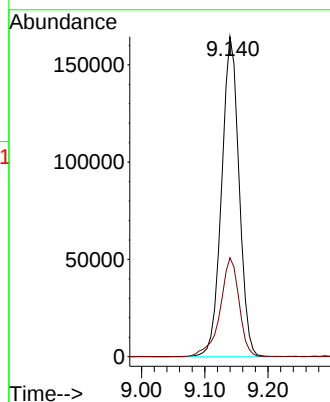
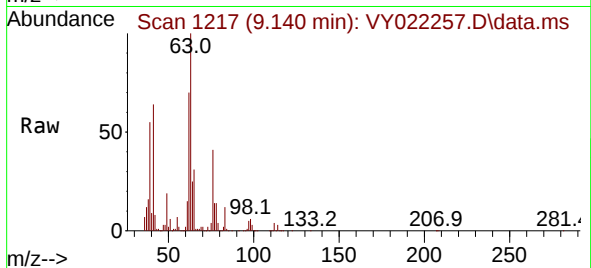
65 30.8 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025

Supervised By :Semsettin Yesilyurt 05/16/2025



#46

Dibromomethane

Concen: 101.606 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY022257.D

Acq: 15 May 2025 11:24

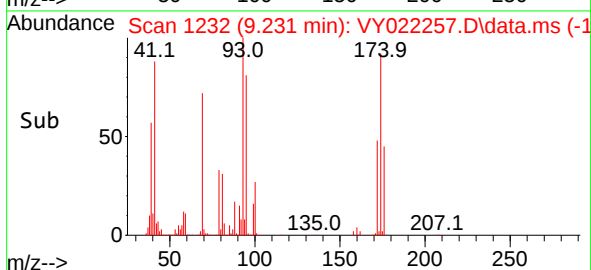
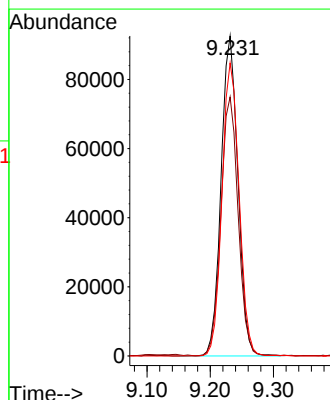
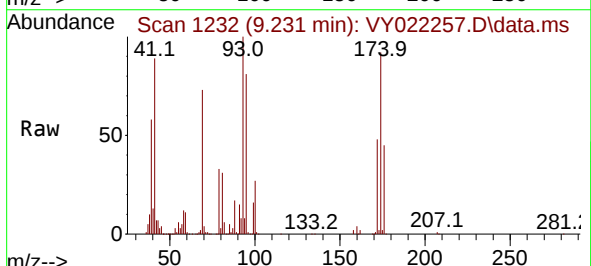
Tgt Ion: 93 Resp: 170712

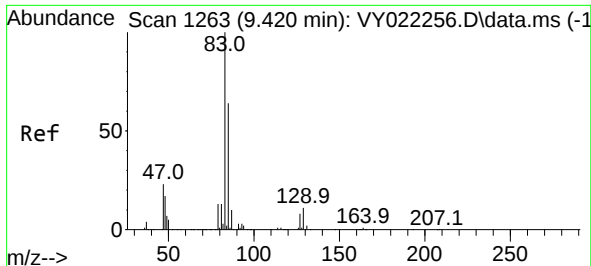
Ion Ratio Lower Upper

93 100

95 82.7 65.2 97.8

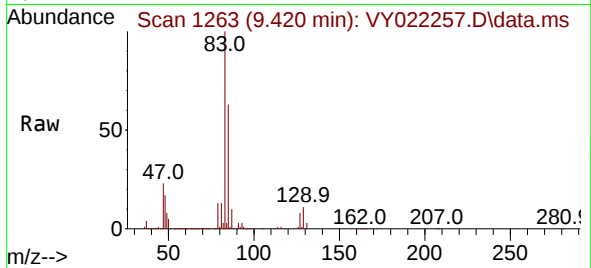
174 92.9 74.3 111.5





#47
Bromodichloromethane
Concen: 102.514 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24

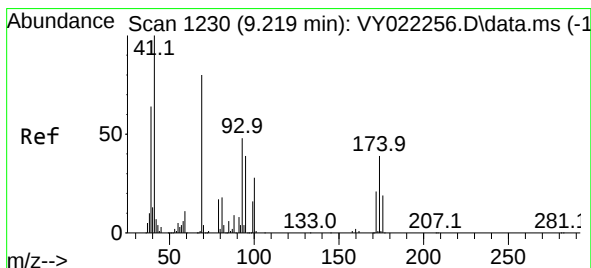
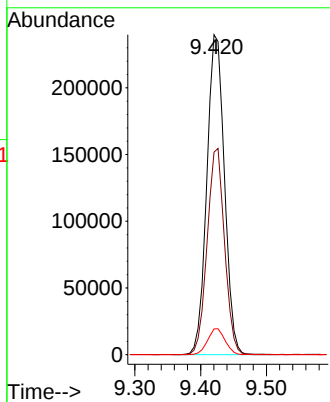
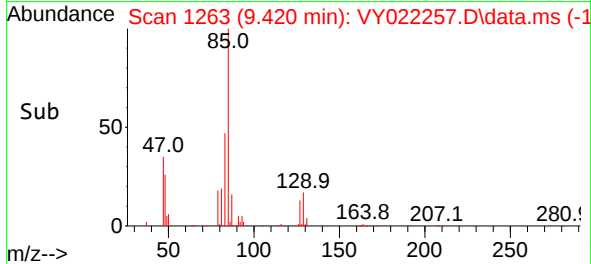
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



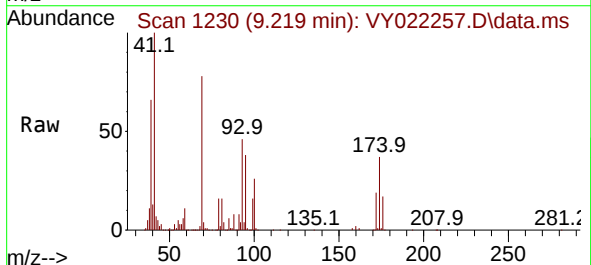
Tgt Ion: 83 Resp: 446829
Ion Ratio Lower Upper
83 100
85 63.2 51.1 76.7
127 8.0 6.6 10.0

Manual Integrations
APPROVED

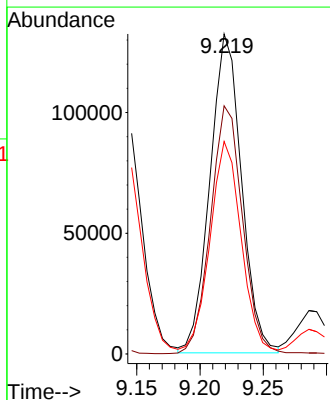
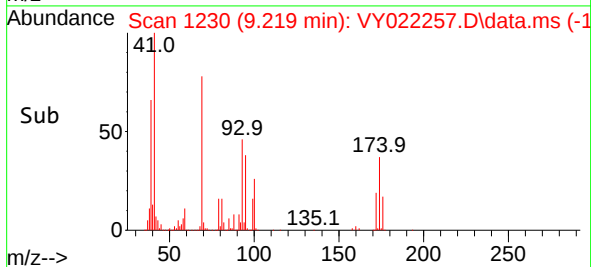
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

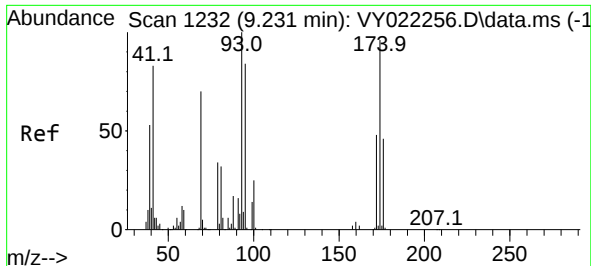


#48
Methyl methacrylate
Concen: 107.308 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24



Tgt Ion: 41 Resp: 229512
Ion Ratio Lower Upper
41 100
69 78.7 63.5 95.3
39 63.5 50.8 76.2





#49

1,4-Dioxane

Concen: 1990.455 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY022257.D

Acq: 15 May 2025 11:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

Tgt Ion: 88 Resp: 37780

Ion Ratio Lower Upper

88 100

43 36.0 28.5 42.7

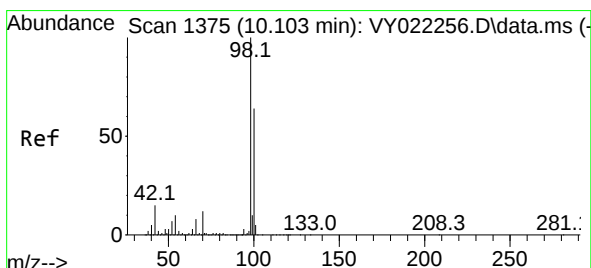
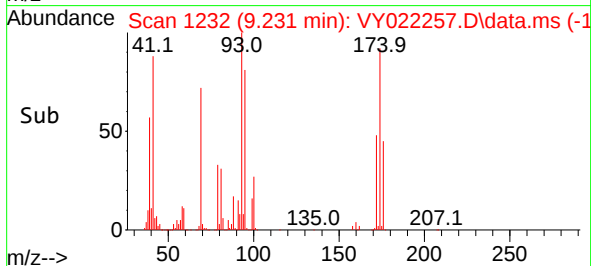
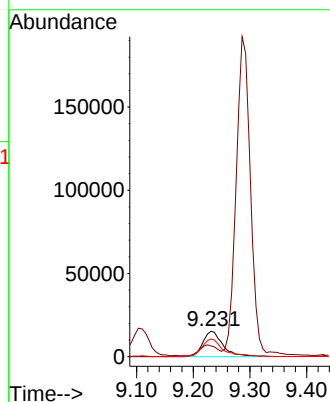
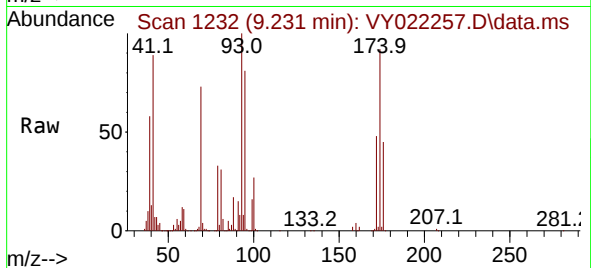
58 75.0 61.4 92.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025

Supervised By :Semsettin Yesilyurt 05/16/2025



#50

Toluene-d8

Concen: 99.289 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.000 min

Lab File: VY022257.D

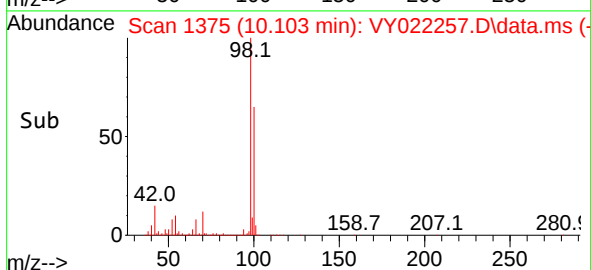
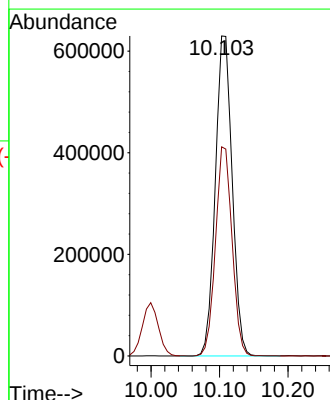
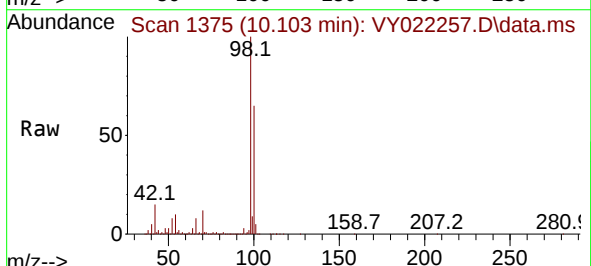
Acq: 15 May 2025 11:24

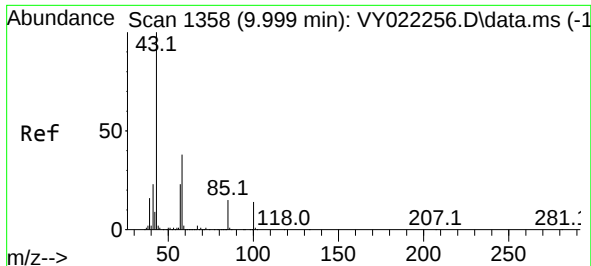
Tgt Ion: 98 Resp: 1076035

Ion Ratio Lower Upper

98 100

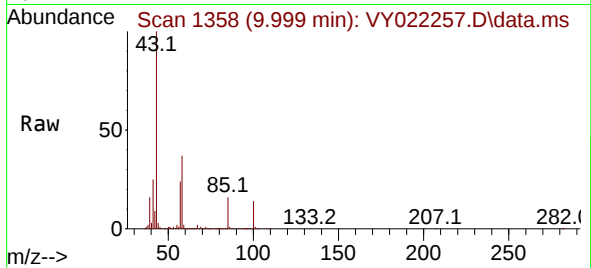
100 64.2 51.8 77.8





#51
4-Methyl-2-Pentanone
Concen: 543.068 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24

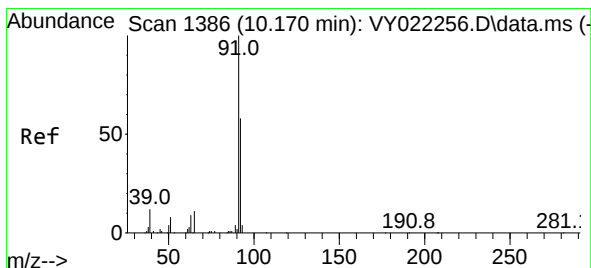
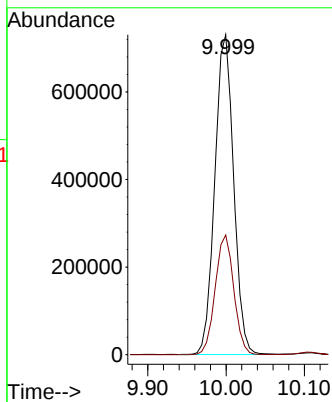
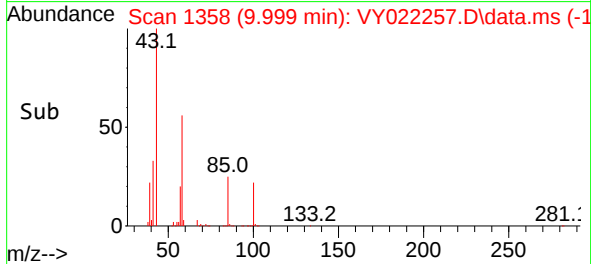
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



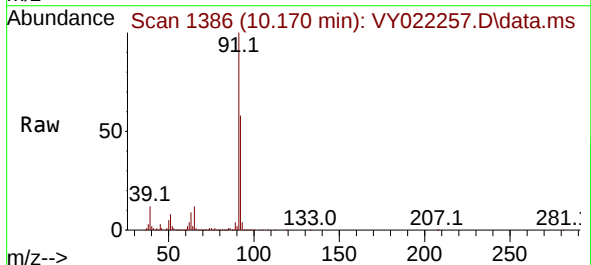
Tgt Ion: 43 Resp: 121868
Ion Ratio Lower Upper
43 100
58 37.1 29.4 44.2

Manual Integrations
APPROVED

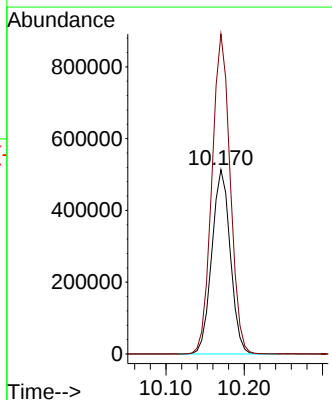
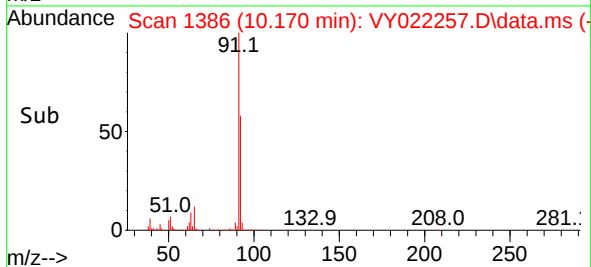
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

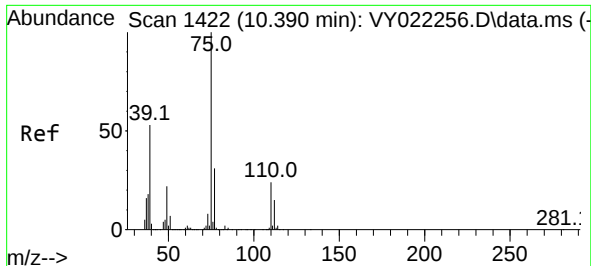


#52
Toluene
Concen: 102.593 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24



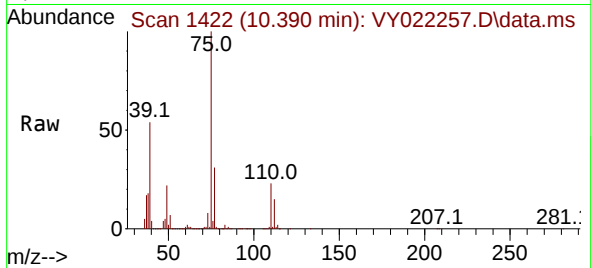
Tgt Ion: 92 Resp: 839400
Ion Ratio Lower Upper
92 100
91 172.5 139.1 208.7





#53
t-1,3-Dichloropropene
Concen: 103.832 ug/l
RT: 10.390 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24

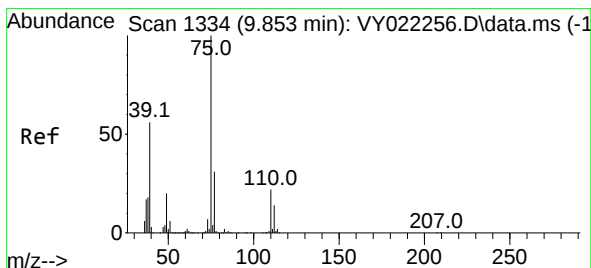
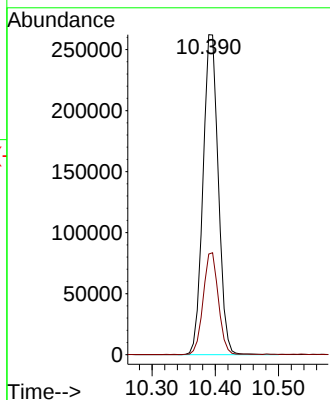
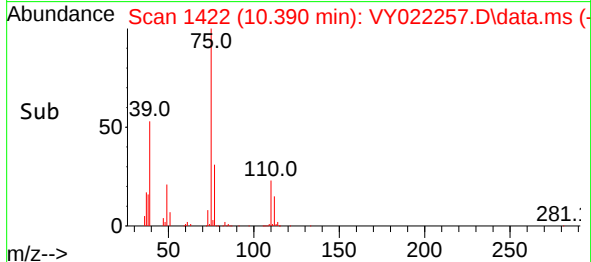
Instrument : MSVOA_Y
ClientSampleId : VSTDIC100



Tgt Ion: 75 Resp: 441672
Ion Ratio Lower Upper
75 100
77 31.4 25.0 37.6

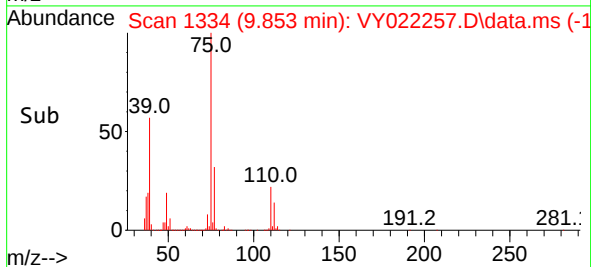
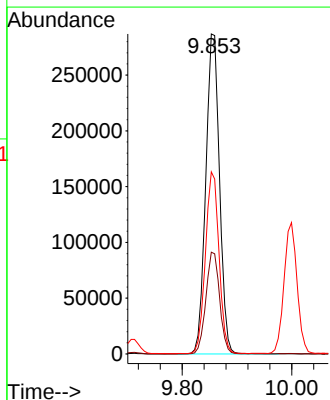
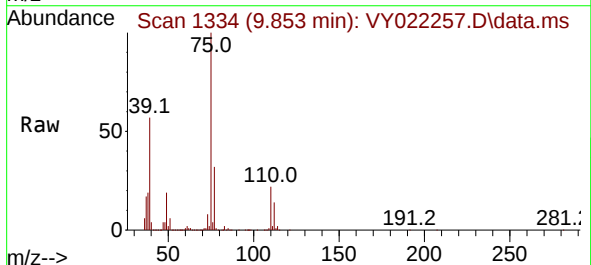
Manual Integrations
APPROVED

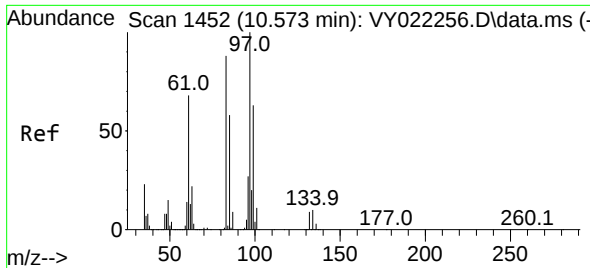
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#54
cis-1,3-Dichloropropene
Concen: 102.190 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24

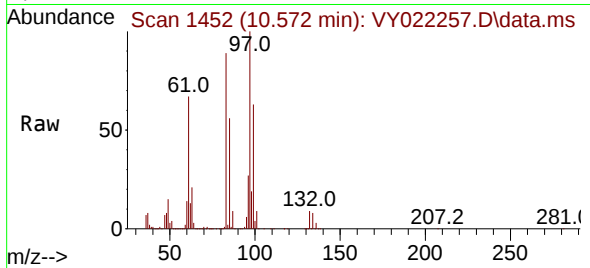
Tgt Ion: 75 Resp: 498023
Ion Ratio Lower Upper
75 100
77 31.8 25.1 37.7
39 56.8 44.5 66.7





#55
1,1,2-Trichloroethane
Concen: 102.005 ug/l
RT: 10.572 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24

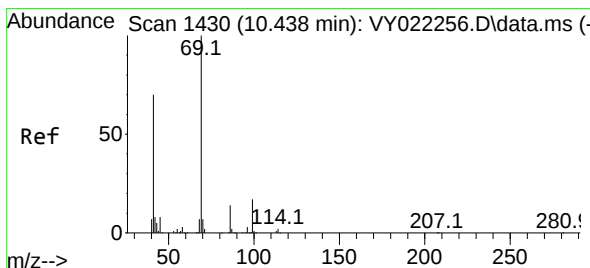
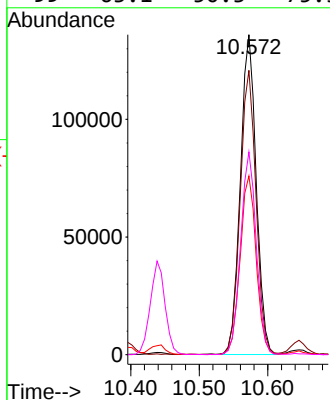
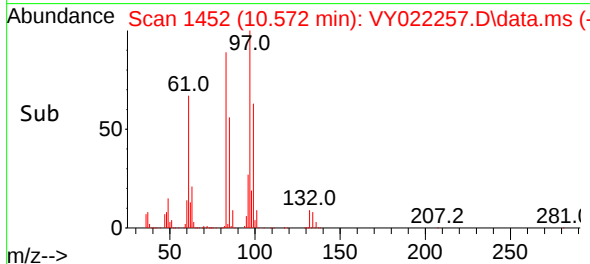
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



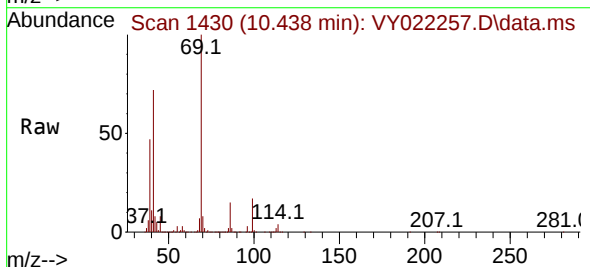
Tgt Ion: 97 Resp: 219460
Ion Ratio Lower Upper
97 100
83 88.8 70.3 105.5
85 55.8 46.2 69.4
99 63.1 50.3 75.5

Manual Integrations
APPROVED

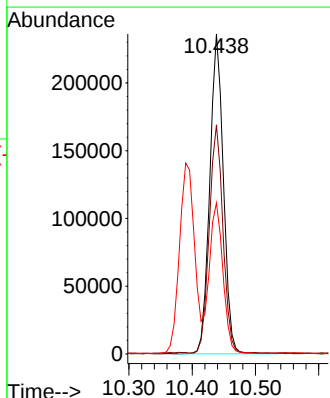
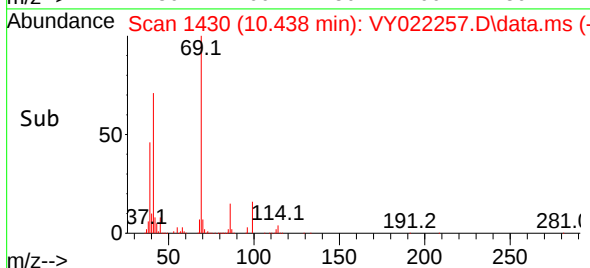
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

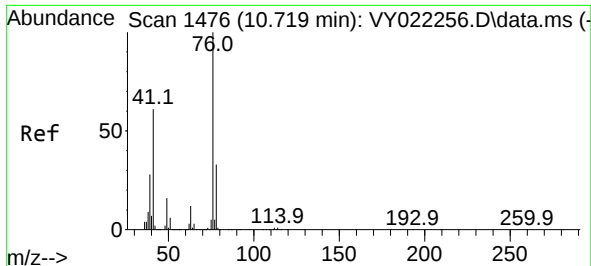


#56
Ethyl methacrylate
Concen: 105.335 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24



Tgt Ion: 69 Resp: 353013
Ion Ratio Lower Upper
69 100
41 71.7 56.5 84.7
39 47.7 37.1 55.7





#57

1,3-Dichloropropane

Concen: 102.420 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VY022257.D

Acq: 15 May 2025 11:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

Tgt Ion: 76 Resp: 391514

Ion Ratio Lower Upper

76 100

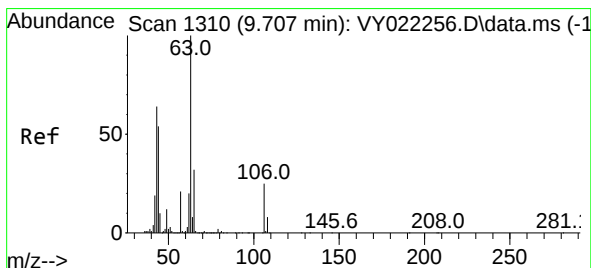
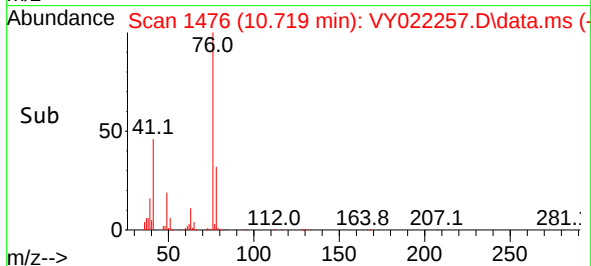
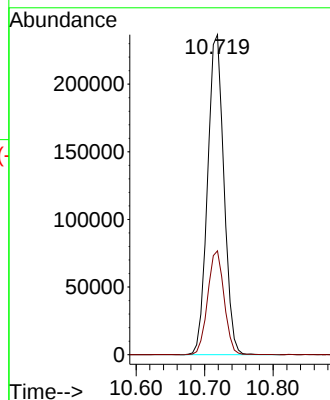
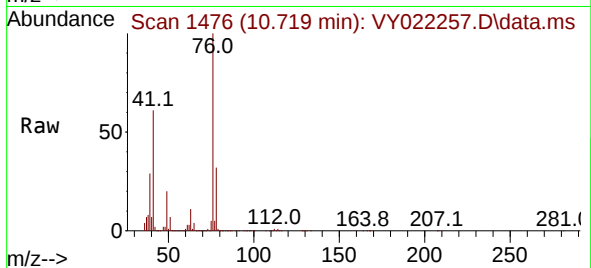
78 32.7 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025

Supervised By :Semsettin Yesilyurt 05/16/2025



#58

2-Chloroethyl Vinyl ether

Concen: 580.295 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY022257.D

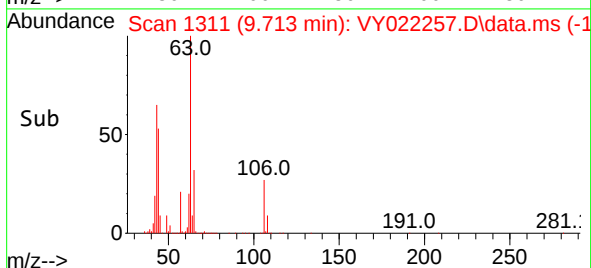
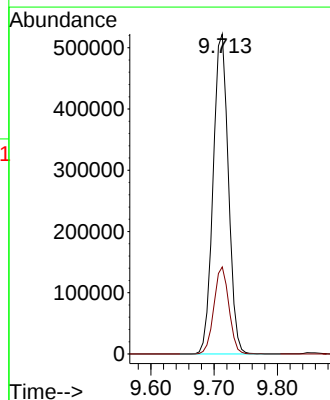
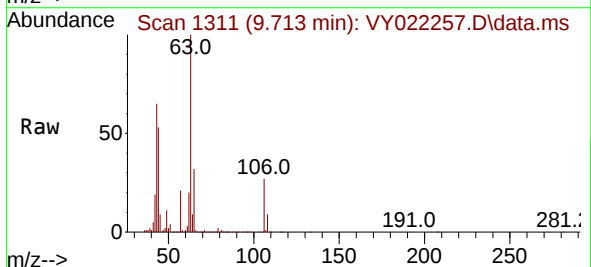
Acq: 15 May 2025 11:24

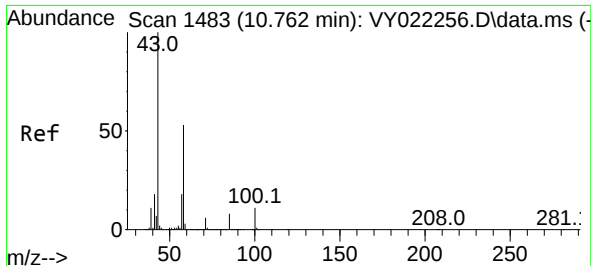
Tgt Ion: 63 Resp: 872907

Ion Ratio Lower Upper

63 100

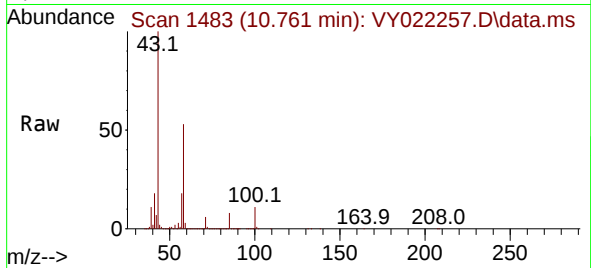
106 26.7 21.0 31.4





#59
2-Hexanone
Concen: 537.872 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24

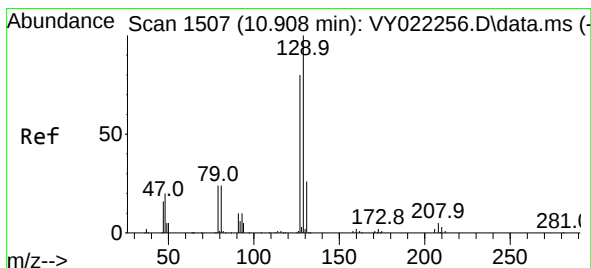
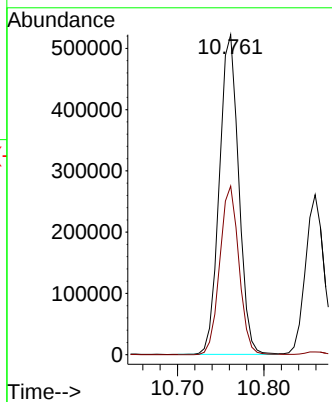
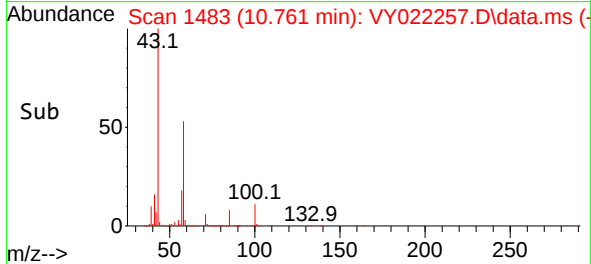
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



Tgt Ion: 43 Resp: 809288
Ion Ratio Lower Upper
43 100
58 52.2 26.1 78.3

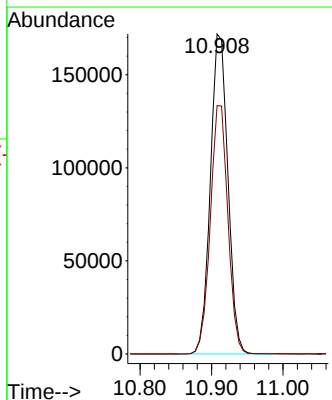
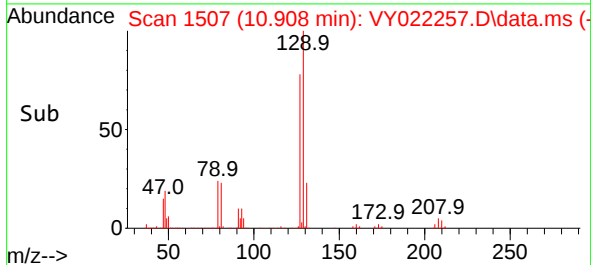
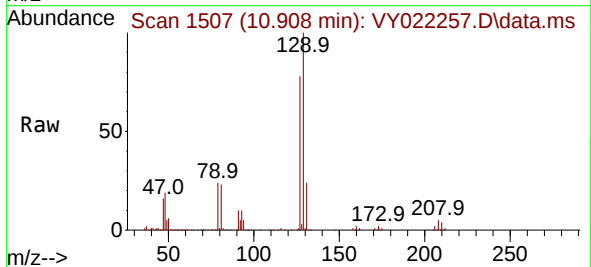
Manual Integrations
APPROVED

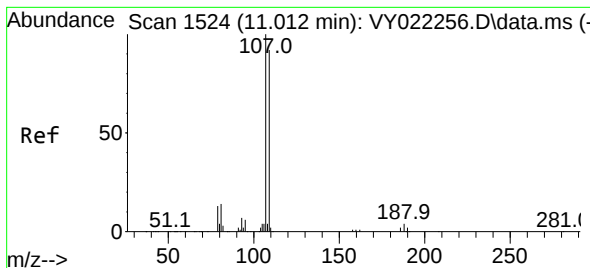
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#60
Dibromochloromethane
Concen: 104.616 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24

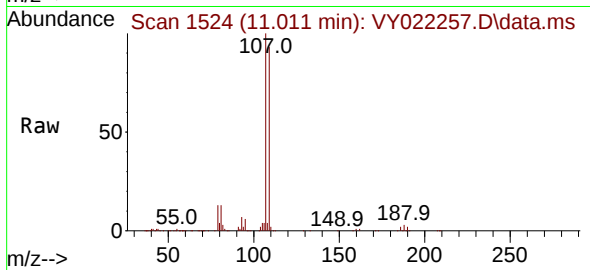
Tgt Ion:129 Resp: 292143
Ion Ratio Lower Upper
129 100
127 77.9 38.6 115.7





#61
1,2-Dibromoethane
Concen: 103.362 ug/l
RT: 11.011 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24

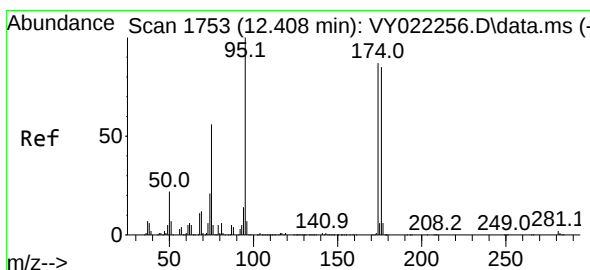
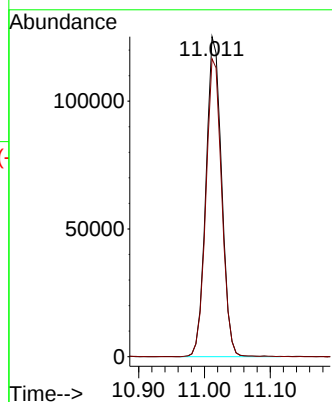
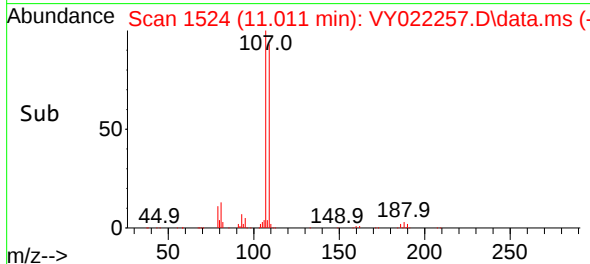
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



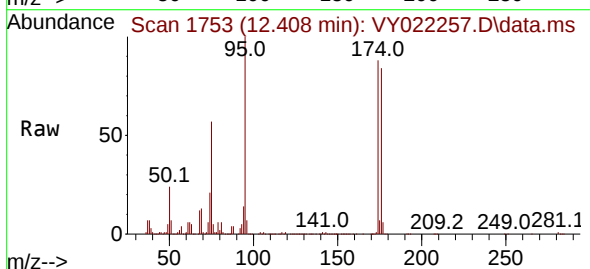
Tgt Ion:107 Resp: 207260
Ion Ratio Lower Upper
107 100
109 94.0 74.6 111.8

Manual Integrations
APPROVED

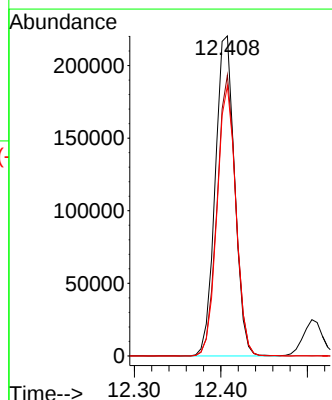
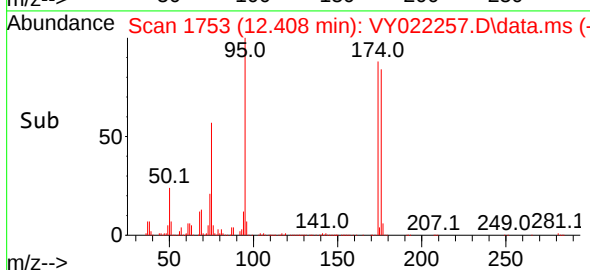
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

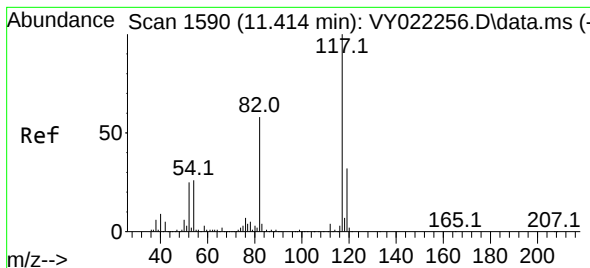


#62
4-Bromofluorobenzene
Concen: 99.968 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24



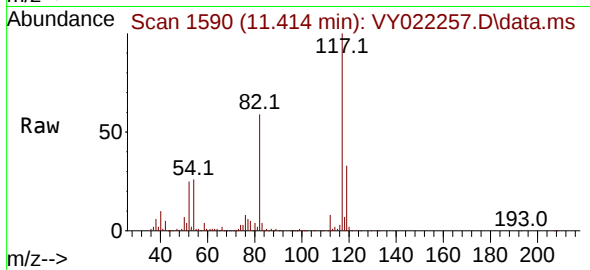
Tgt Ion: 95 Resp: 343397
Ion Ratio Lower Upper
95 100
174 84.2 0.0 166.8
176 81.7 0.0 160.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24

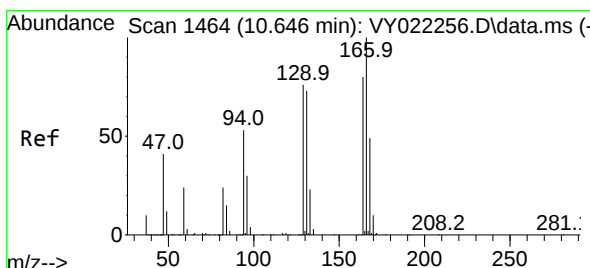
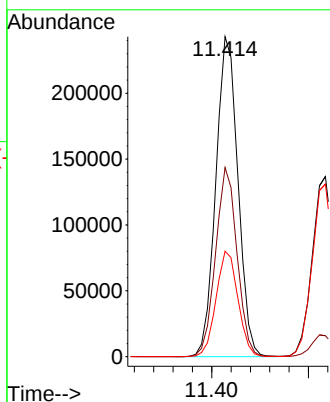
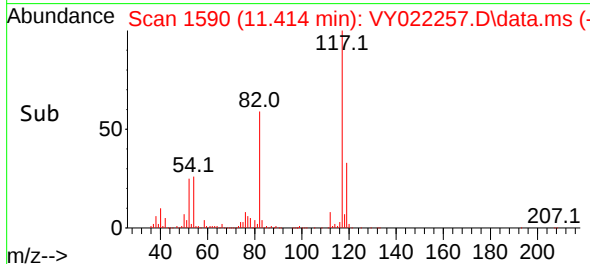
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



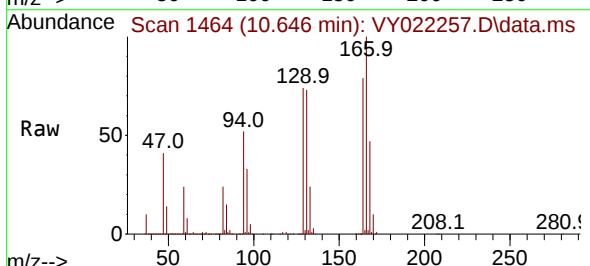
Tgt Ion:117 Resp: 385348
Ion Ratio Lower Upper
117 100
82 59.1 46.6 70.0
119 33.0 25.8 38.6

Manual Integrations
APPROVED

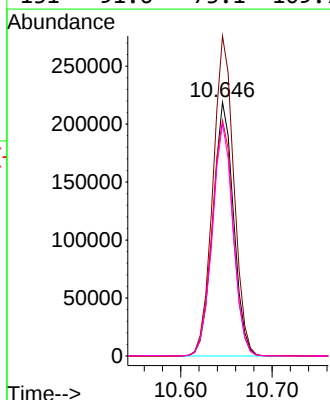
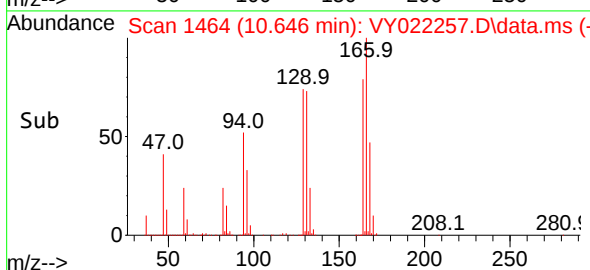
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

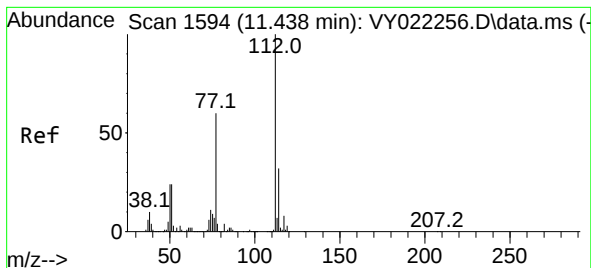


#64
Tetrachloroethene
Concen: 96.489 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24



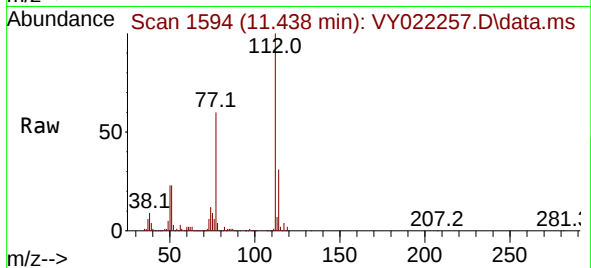
Tgt Ion:164 Resp: 343677
Ion Ratio Lower Upper
164 100
166 126.1 100.4 150.6
129 92.9 76.4 114.6
131 91.6 73.1 109.7





#65
Chlorobenzene
Concen: 101.346 ug/l
RT: 11.438 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24

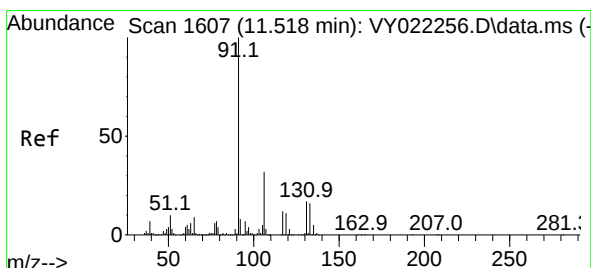
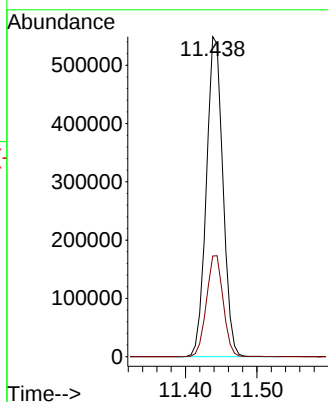
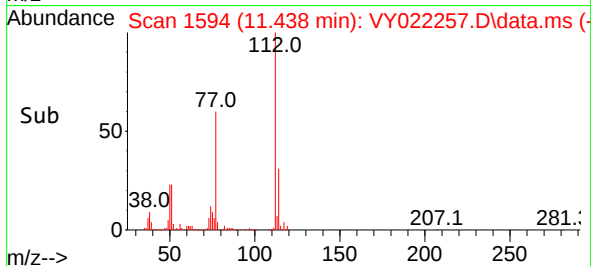
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



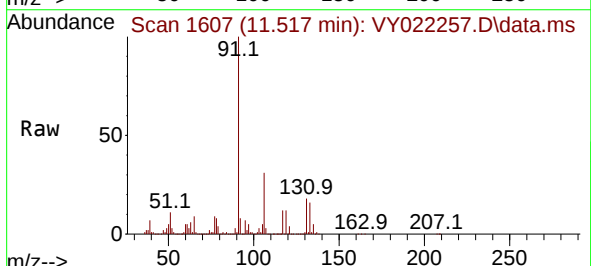
Tgt Ion:112 Resp: 881080
Ion Ratio Lower Upper
112 100
114 31.4 25.8 38.6

Manual Integrations
APPROVED

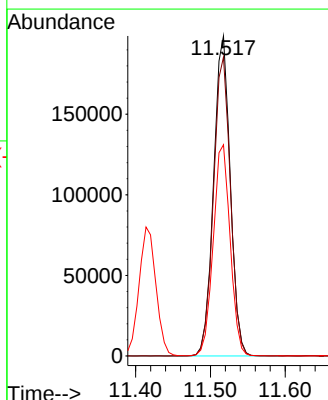
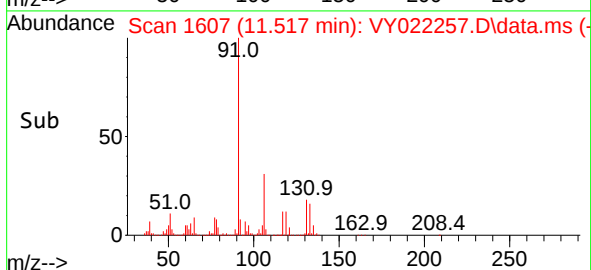
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

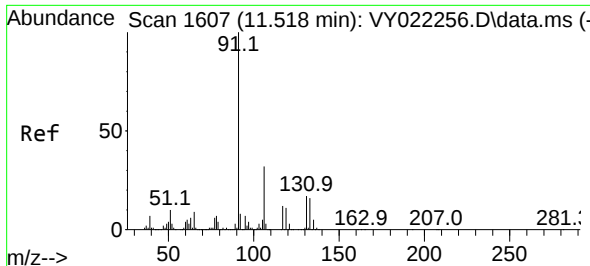


#66
1,1,1,2-Tetrachloroethane
Concen: 103.007 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24



Tgt Ion:131 Resp: 307866
Ion Ratio Lower Upper
131 100
133 95.1 47.3 141.9
119 67.2 33.1 99.2





#67

Ethyl Benzene

Concen: 102.836 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. -0.000 min

Lab File: VY022257.D

Acq: 15 May 2025 11:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

Tgt Ion: 91 Resp: 167435

Ion Ratio Lower Upper

91 100

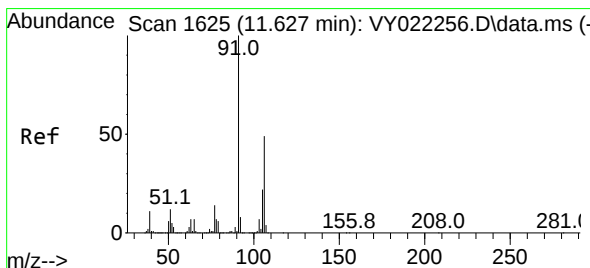
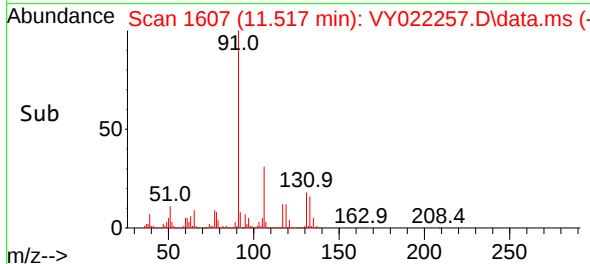
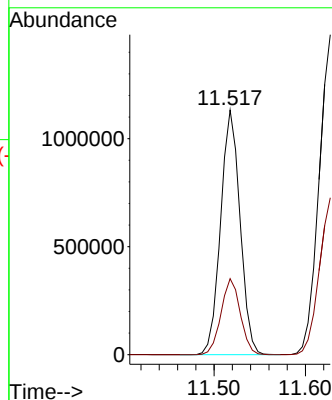
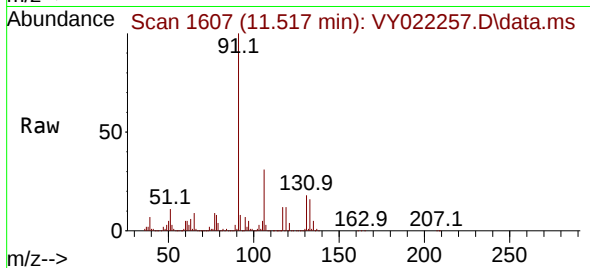
106 31.1 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025

Supervised By :Semsettin Yesilyurt 05/16/2025



#68

m/p-Xylenes

Concen: 207.213 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.000 min

Lab File: VY022257.D

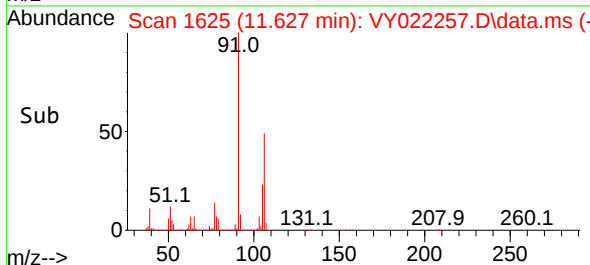
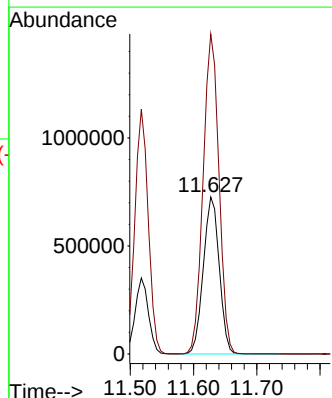
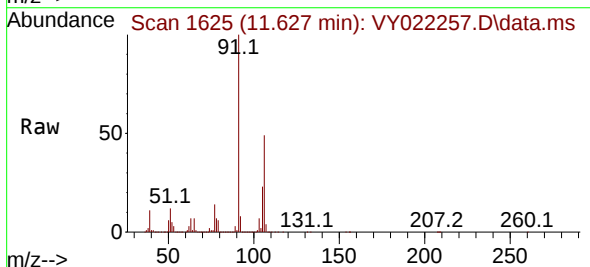
Acq: 15 May 2025 11:24

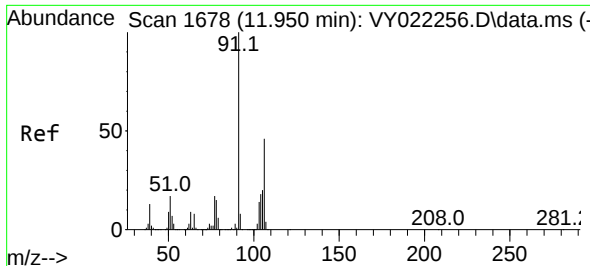
Tgt Ion:106 Resp: 1271299

Ion Ratio Lower Upper

106 100

91 203.2 163.0 244.4





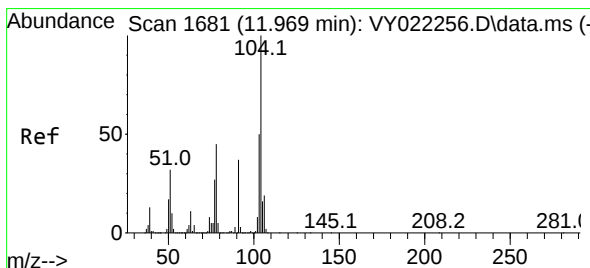
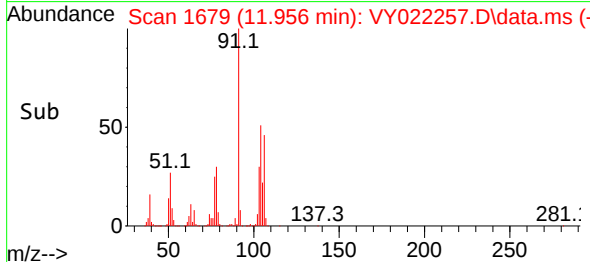
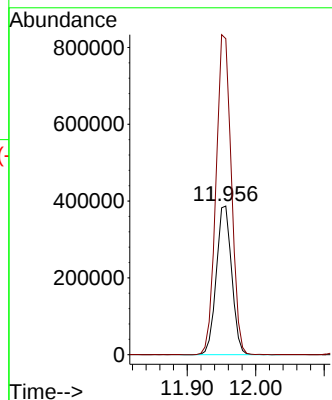
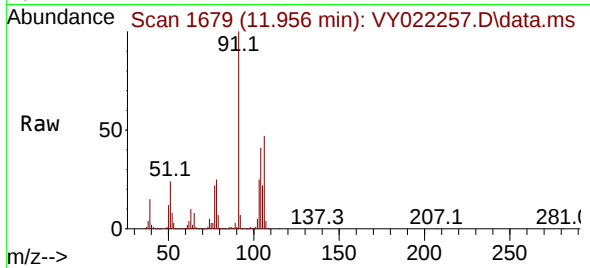
#69
o-Xylene
Concen: 103.777 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tgt Ion:106 Resp: 602390
Ion Ratio Lower Upper
106 100
91 214.7 108.3 324.8

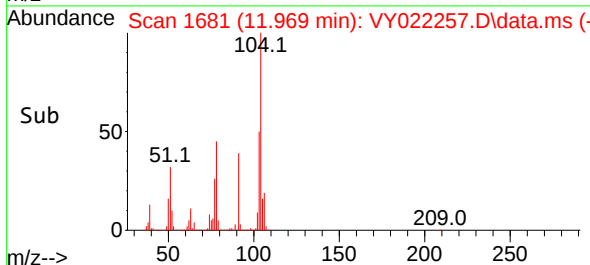
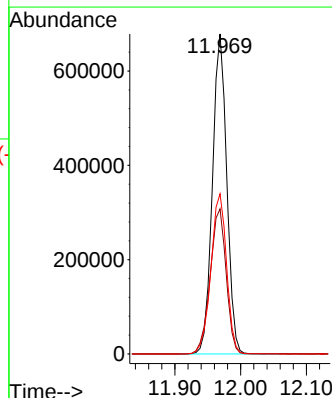
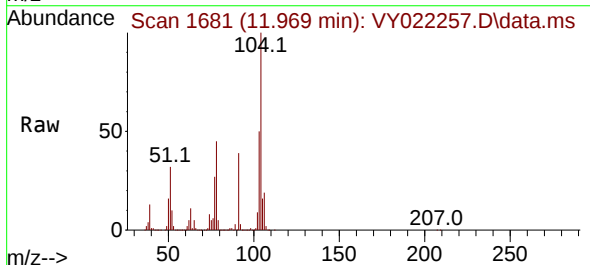
Manual Integrations
APPROVED

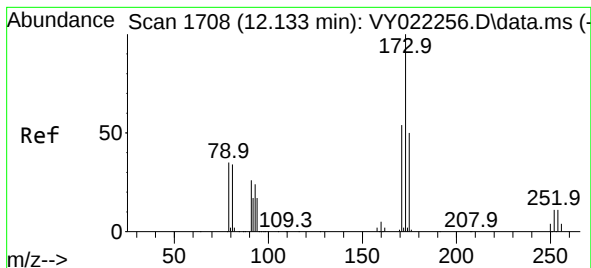
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#70
Styrene
Concen: 105.038 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24

Tgt Ion:104 Resp: 1028498
Ion Ratio Lower Upper
104 100
78 50.6 40.9 61.3
103 54.7 43.7 65.5





#71

Bromoform

Concen: 104.561 ug/l

RT: 12.133 min Scan# 1708

Delta R.T. -0.000 min

Lab File: VY022257.D

Acq: 15 May 2025 11:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

Tgt Ion:173 Resp: 168679

Ion Ratio Lower Upper

173 100

175 48.6 24.7 74.1

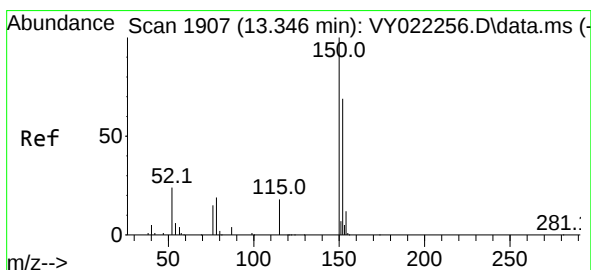
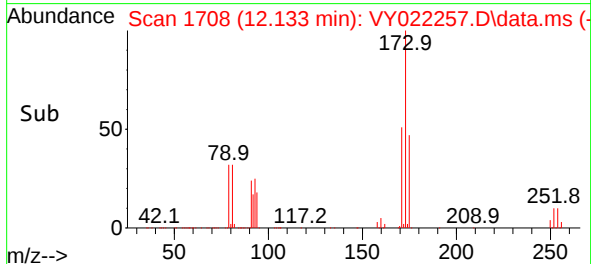
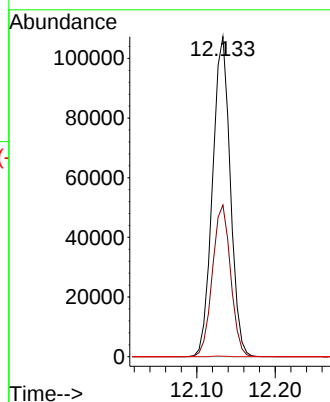
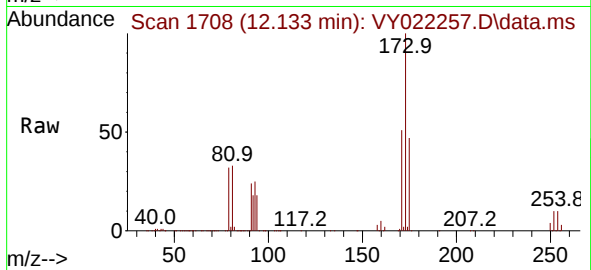
254 0.1 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025

Supervised By :Semsettin Yesilyurt 05/16/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY022257.D

Acq: 15 May 2025 11:24

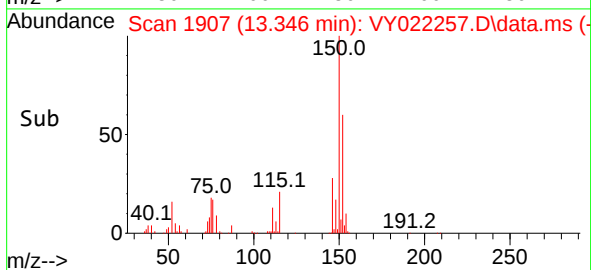
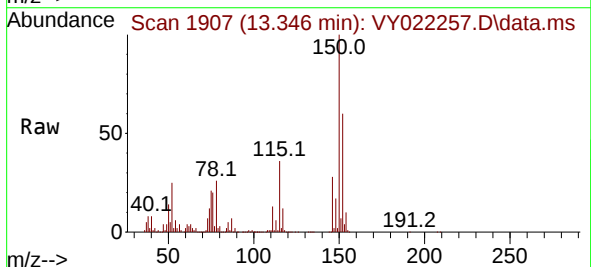
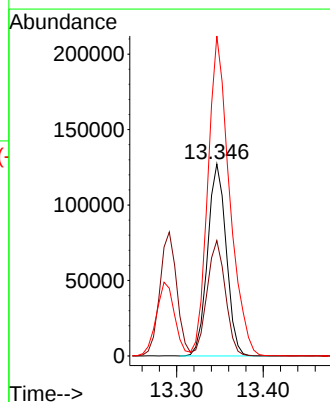
Tgt Ion:152 Resp: 189780

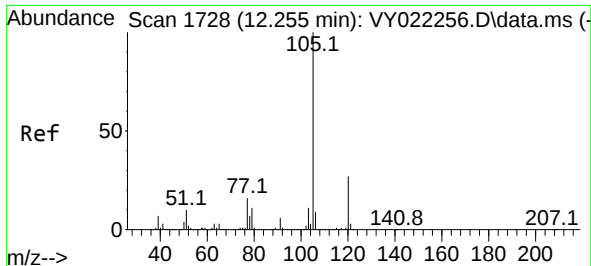
Ion Ratio Lower Upper

152 100

115 59.1 29.4 88.2

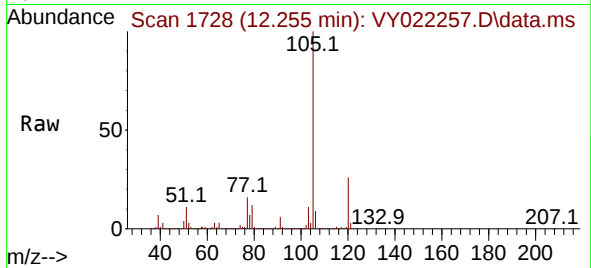
150 193.1 0.0 353.8





#73
Isopropylbenzene
Concen: 97.241 ug/l
RT: 12.255 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24

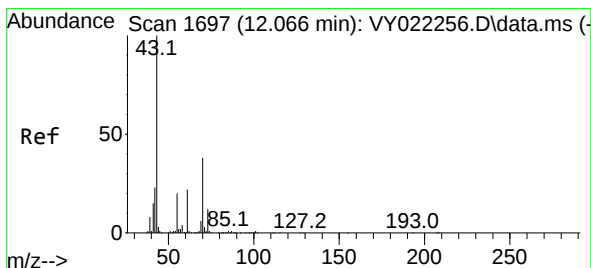
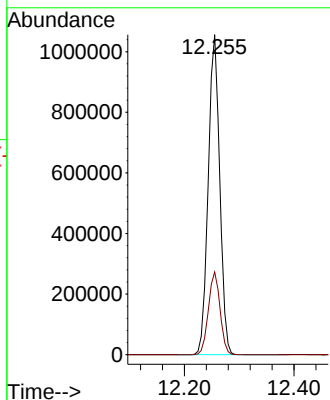
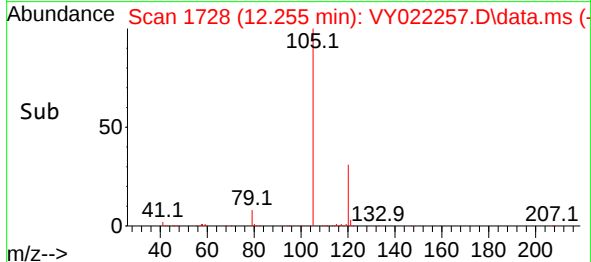
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



Tgt Ion:105 Resp: 152885
Ion Ratio Lower Upper
105 100
120 26.1 13.2 39.6

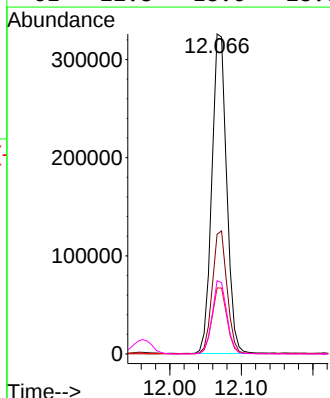
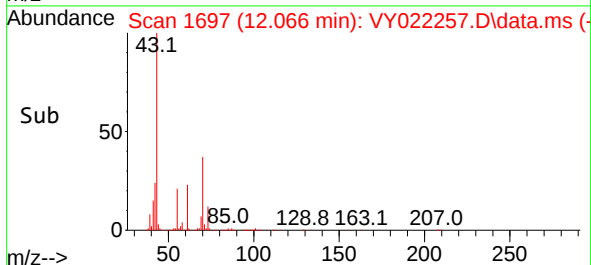
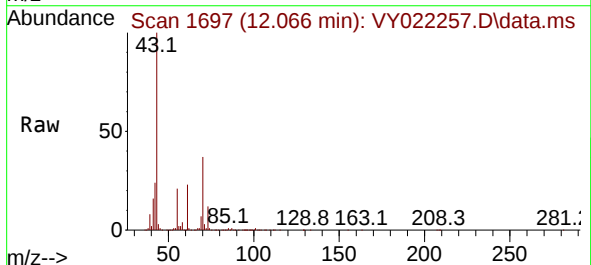
Manual Integrations
APPROVED

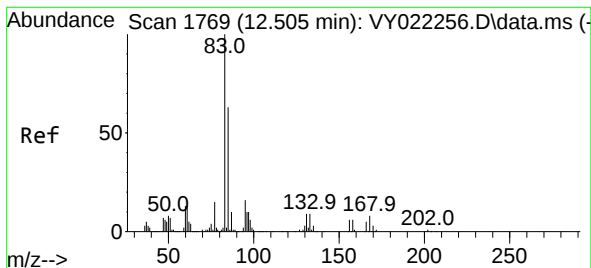
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#74
N-ethyl acetate
Concen: 104.235 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24

Tgt Ion: 43 Resp: 468707
Ion Ratio Lower Upper
43 100
70 38.2 31.4 47.0
55 20.8 17.0 25.6
61 22.8 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 101.255 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. -0.000 min

Lab File: VY022257.D

Acq: 15 May 2025 11:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tgt Ion: 83 Resp: 244830

Ion Ratio Lower Upper

83 100

131 9.9 4.9 14.7

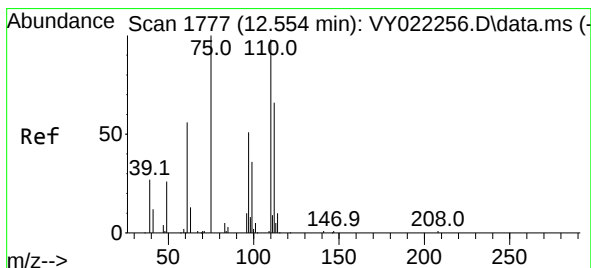
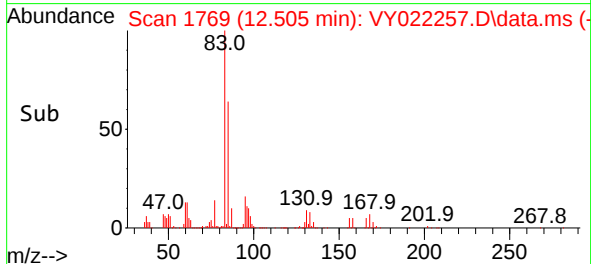
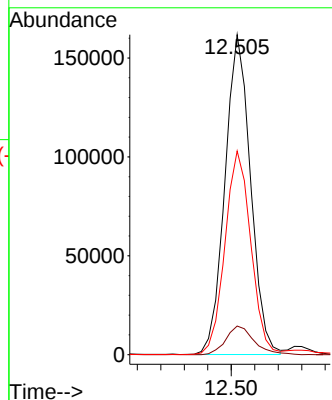
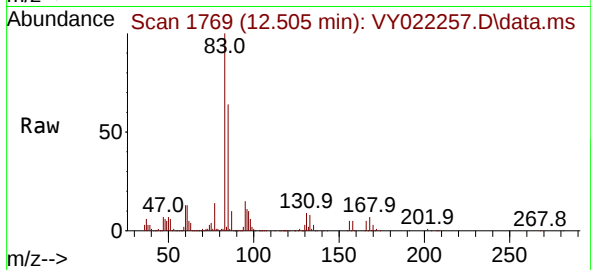
85 64.4 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025

Supervised By :Semsettin Yesilyurt 05/16/2025



#76

1,2,3-Trichloropropane

Concen: 59.078 ug/l m

RT: 12.554 min Scan# 1777

Delta R.T. -0.000 min

Lab File: VY022257.D

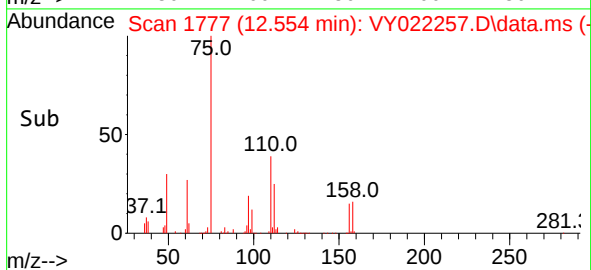
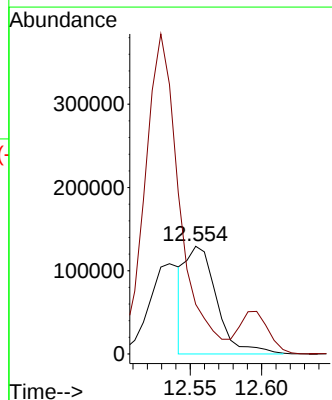
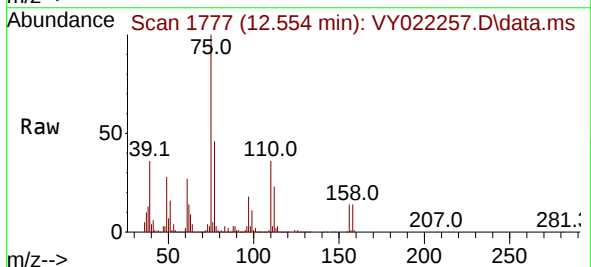
Acq: 15 May 2025 11:24

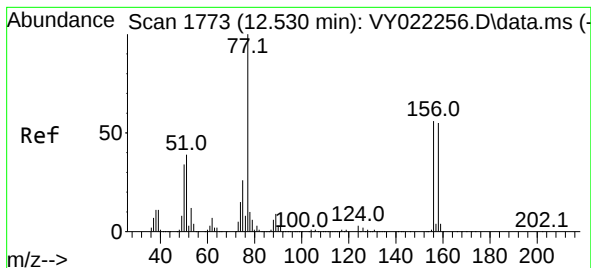
Tgt Ion: 75 Resp: 197600

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 100.456 ug/l

RT: 12.529 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VY022257.D

Acq: 15 May 2025 11:24

Instrument :

MSVOA_Y

ClientSampleId :

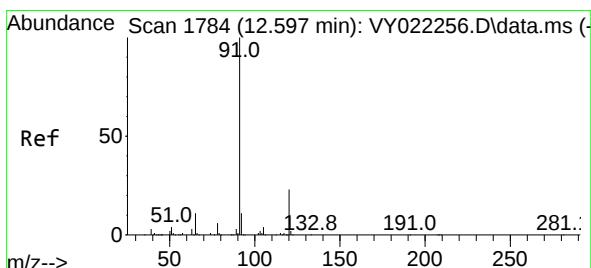
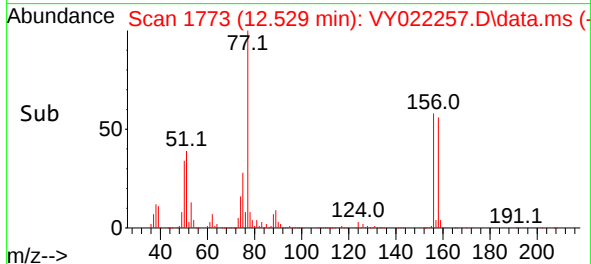
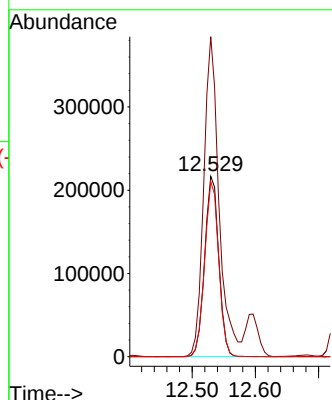
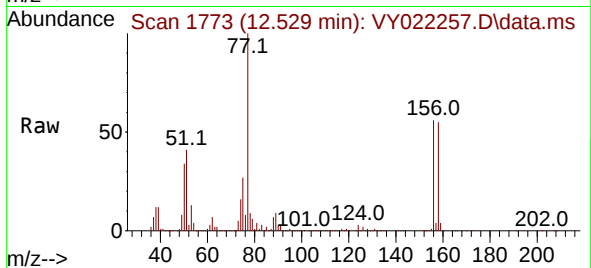
VSTDIC100

Tgt Ion:	156	Resp:	337329
Ion Ratio	Lower	Upper	
156	100		
77	190.3	94.5	283.6
158	96.8	48.4	145.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#78

n-propylbenzene

Concen: 97.365 ug/l

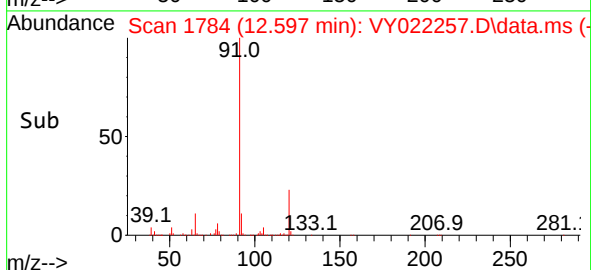
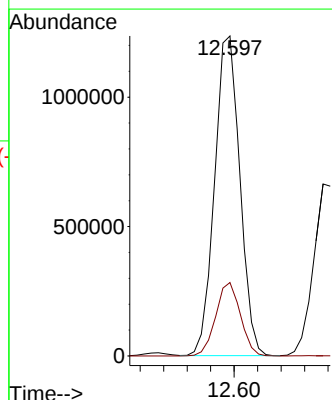
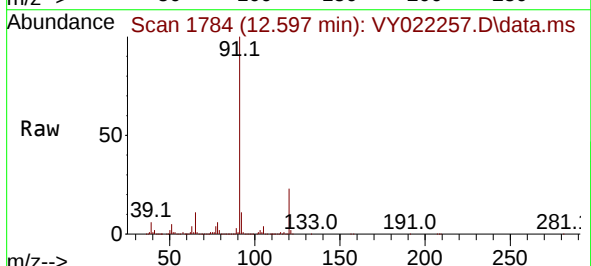
RT: 12.597 min Scan# 1784

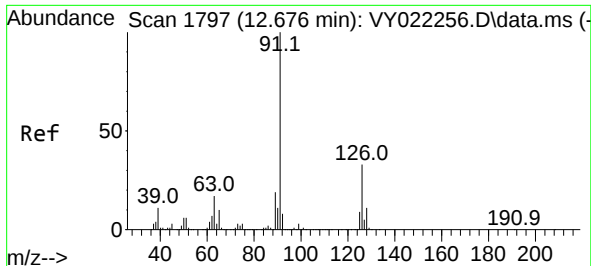
Delta R.T. -0.000 min

Lab File: VY022257.D

Acq: 15 May 2025 11:24

Tgt Ion:	91	Resp:	1846449
Ion Ratio	Lower	Upper	
91	100		
120	22.4	11.1	33.3





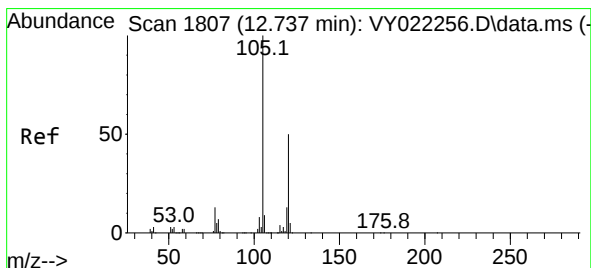
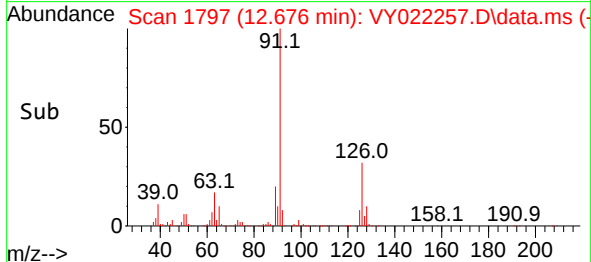
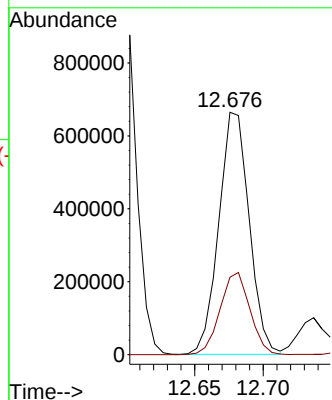
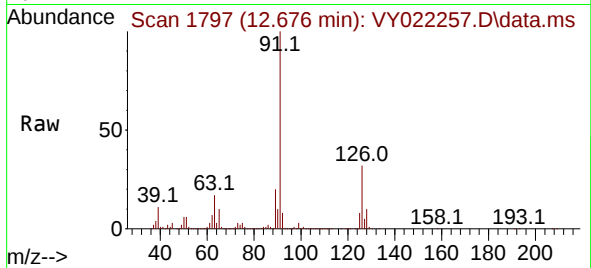
#79
2-Chlorotoluene
Concen: 98.488 ug/l
RT: 12.676 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tgt Ion: 91 Resp: 102640
Ion Ratio Lower Upper
91 100
126 33.3 16.8 50.4

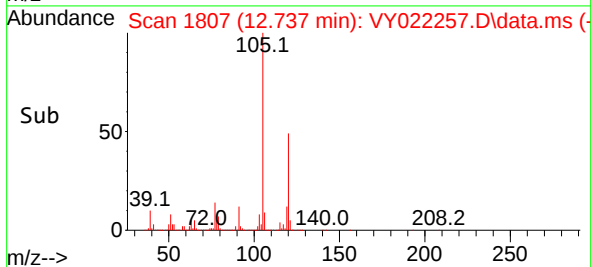
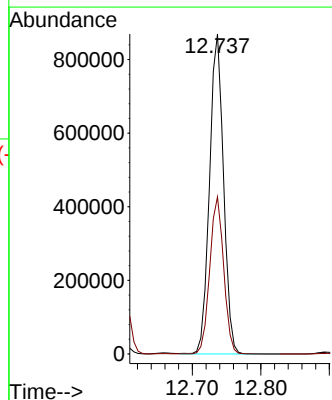
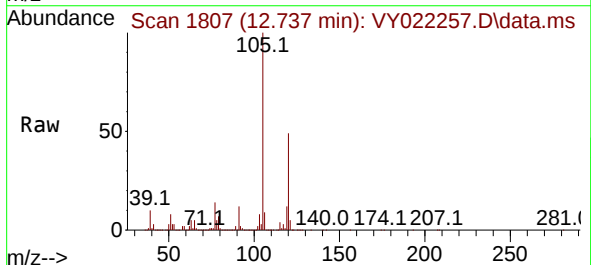
Manual Integrations
APPROVED

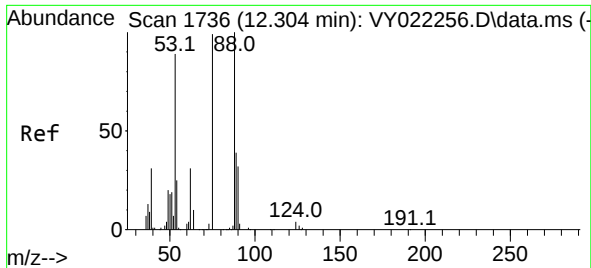
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#80
1,3,5-Trimethylbenzene
Concen: 97.216 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24

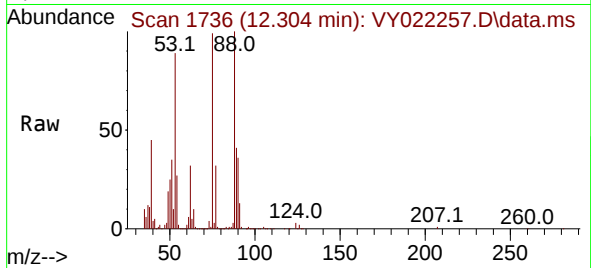
Tgt Ion:105 Resp: 1233838
Ion Ratio Lower Upper
105 100
120 48.8 24.2 72.6





#81
trans-1,4-Dichloro-2-butene
Concen: 98.251 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24

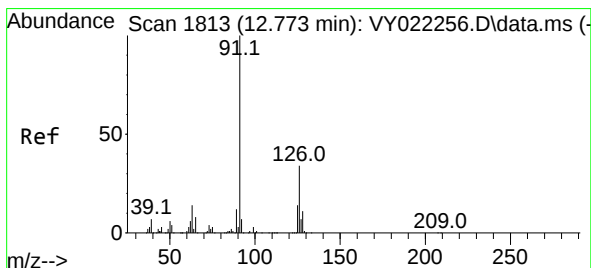
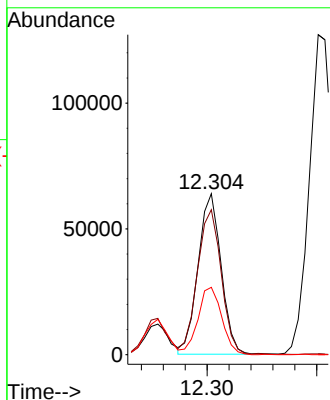
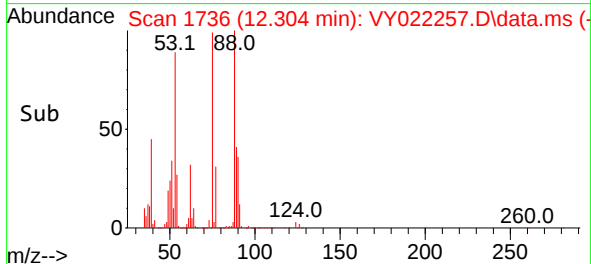
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



Tgt Ion: 75 Resp: 93252
Ion Ratio Lower Upper
75 100
53 92.8 75.8 113.8
89 43.5 36.2 54.2

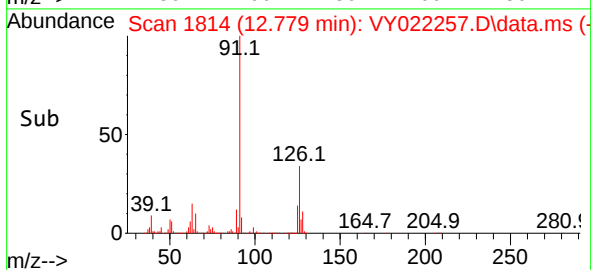
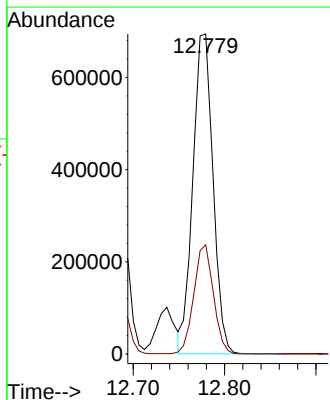
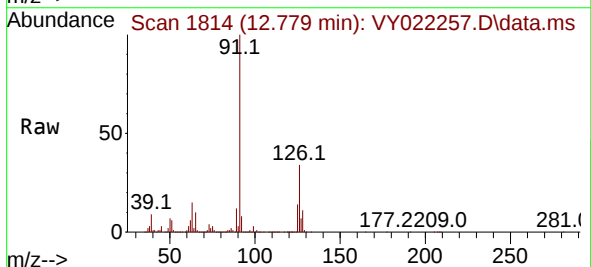
Manual Integrations
APPROVED

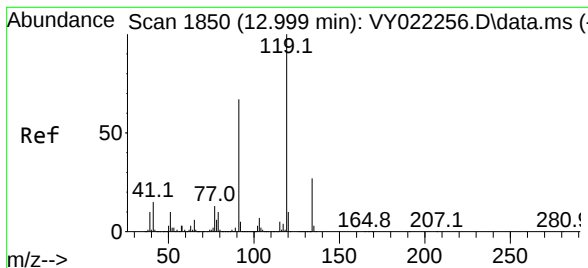
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#82
4-Chlorotoluene
Concen: 99.052 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24

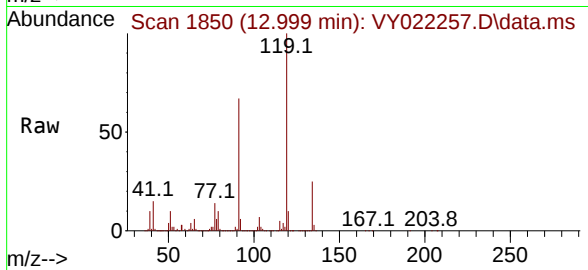
Tgt Ion: 91 Resp: 1061772
Ion Ratio Lower Upper
91 100
126 33.3 16.8 50.4





#83
tert-Butylbenzene
Concen: 96.859 ug/l
RT: 12.999 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24

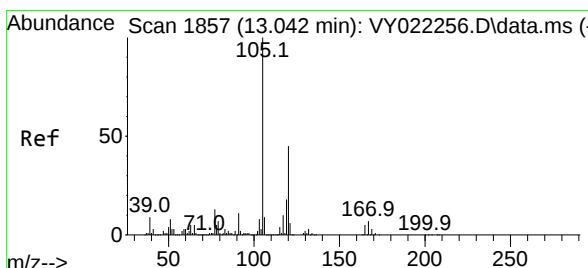
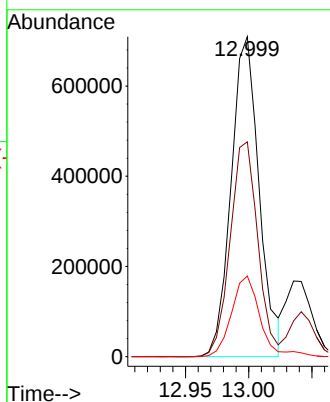
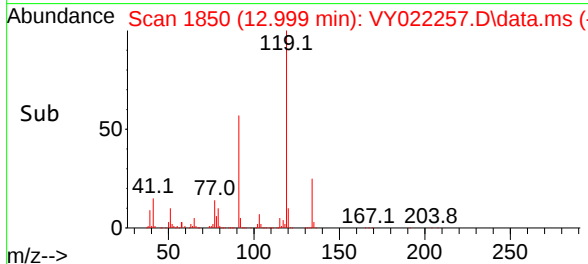
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



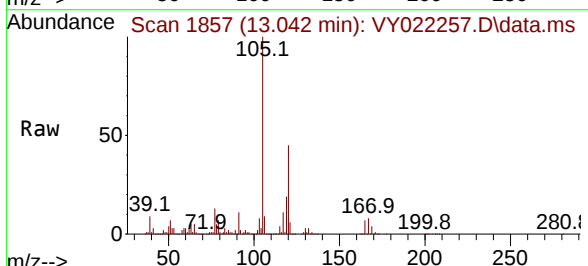
Tgt Ion:119 Resp: 109261
Ion Ratio Lower Upper
119 100
91 66.3 32.8 98.3
134 25.8 12.9 38.6

Manual Integrations
APPROVED

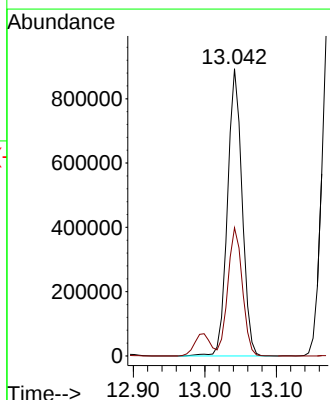
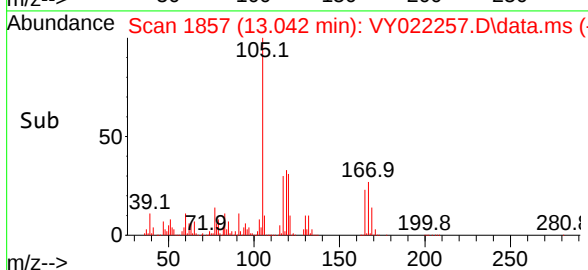
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

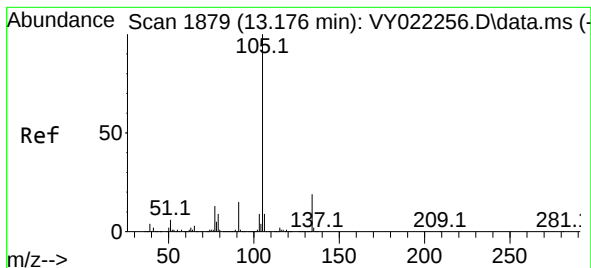


#84
1,2,4-Trimethylbenzene
Concen: 100.297 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24



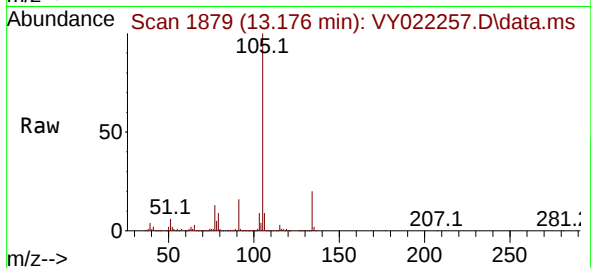
Tgt Ion:105 Resp: 1263612
Ion Ratio Lower Upper
105 100
120 44.3 22.3 66.9





#85
 sec-Butylbenzene
 Concen: 97.623 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. -0.000 min
 Lab File: VY022257.D
 Acq: 15 May 2025 11:24

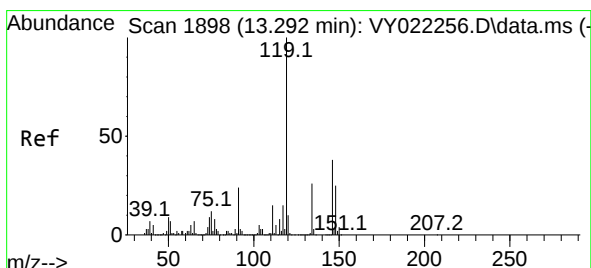
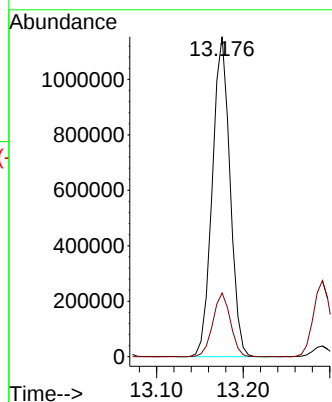
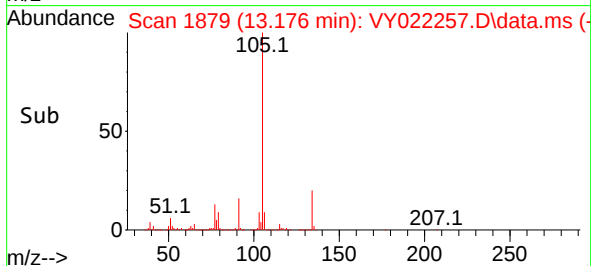
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100



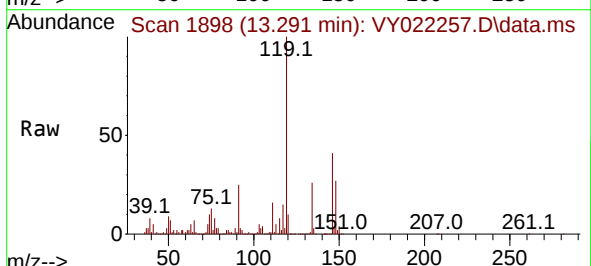
Tgt Ion:105 Resp: 1634720
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.5

Manual Integrations
 APPROVED

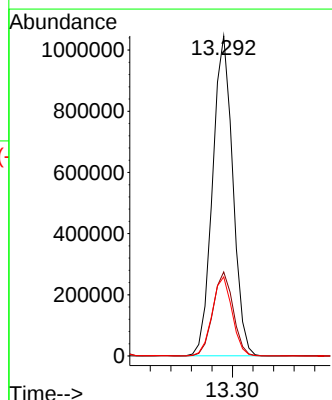
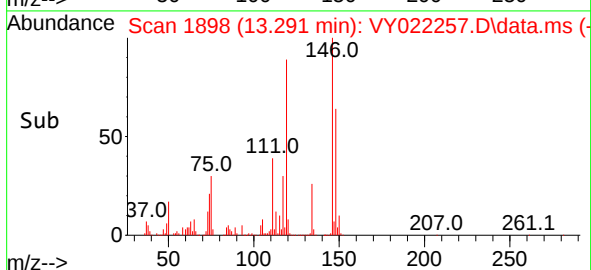
Reviewed By :Mahesh Dadoda 05/16/2025
 Supervised By :Semsettin Yesilyurt 05/16/2025

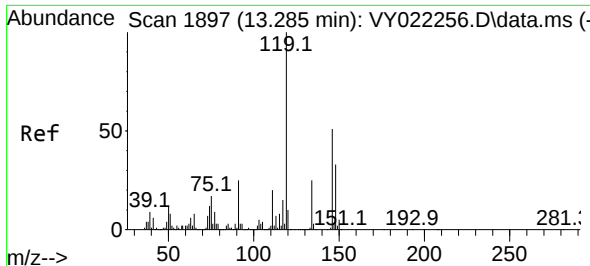


#86
 p-Isopropyltoluene
 Concen: 101.161 ug/l
 RT: 13.291 min Scan# 1898
 Delta R.T. -0.000 min
 Lab File: VY022257.D
 Acq: 15 May 2025 11:24



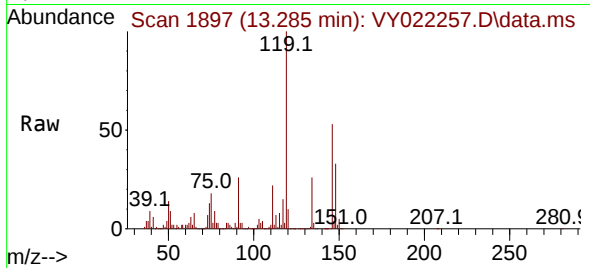
Tgt Ion:119 Resp: 1424684
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.9 38.6
 91 24.4 12.1 36.3





#87
1,3-Dichlorobenzene
Concen: 101.803 ug/l
RT: 13.285 min Scan# 1897
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24

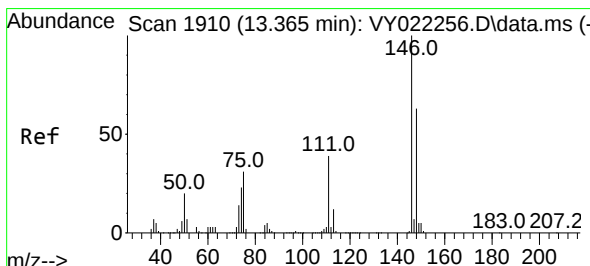
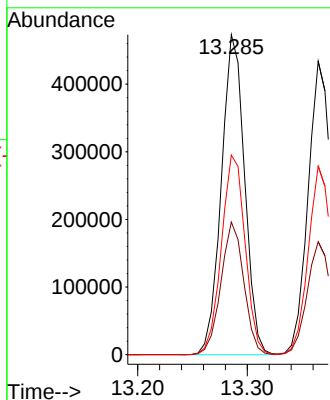
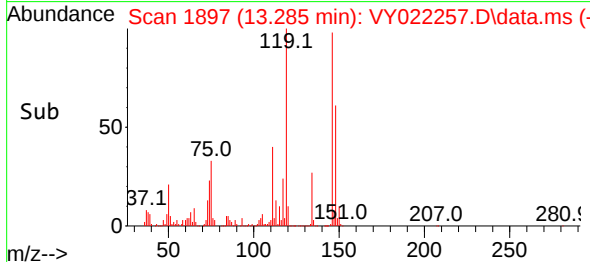
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



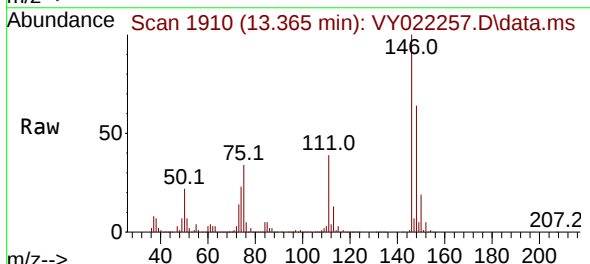
Tgt Ion:146 Resp: 697868
Ion Ratio Lower Upper
146 100
111 40.7 19.9 59.7
148 63.6 31.9 95.7

Manual Integrations
APPROVED

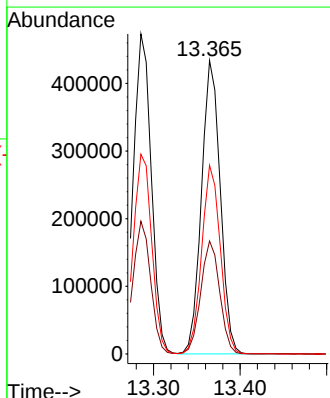
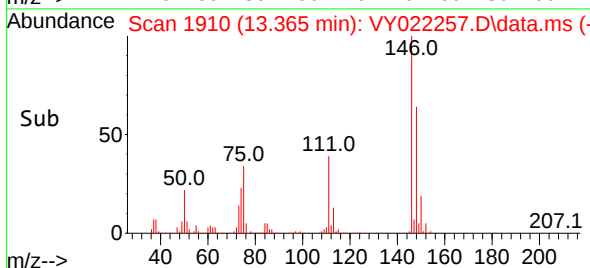
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

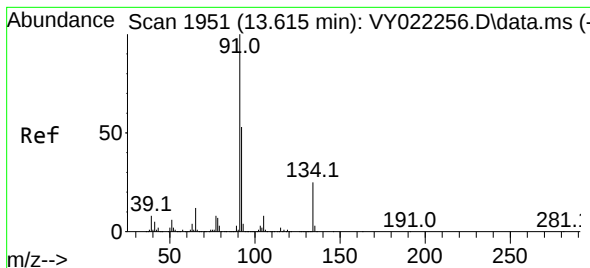


#88
1,4-Dichlorobenzene
Concen: 99.199 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24



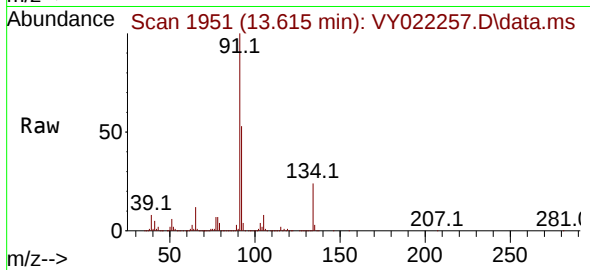
Tgt Ion:146 Resp: 654104
Ion Ratio Lower Upper
146 100
111 38.6 20.0 59.9
148 63.7 32.1 96.5





#89
n-Butylbenzene
Concen: 98.327 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24

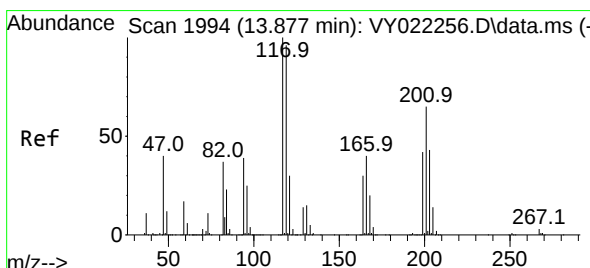
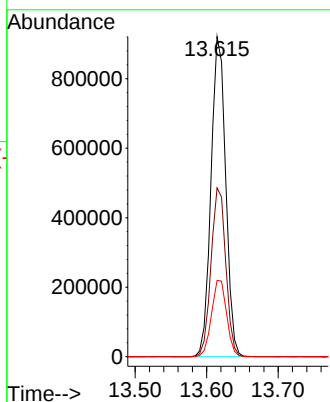
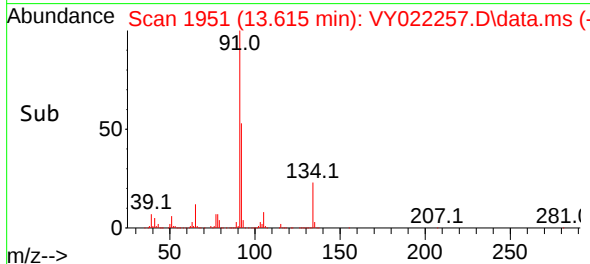
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



Tgt Ion: 91 Resp: 131006
Ion Ratio Lower Upper
91 100
92 53.1 26.3 78.9
134 24.6 12.4 37.4

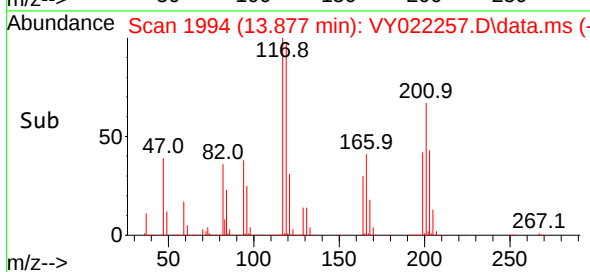
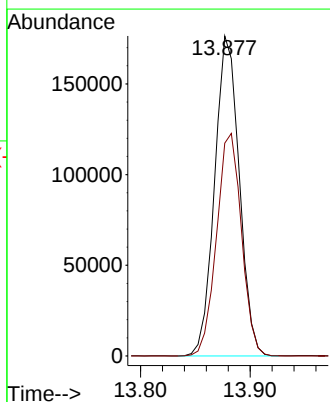
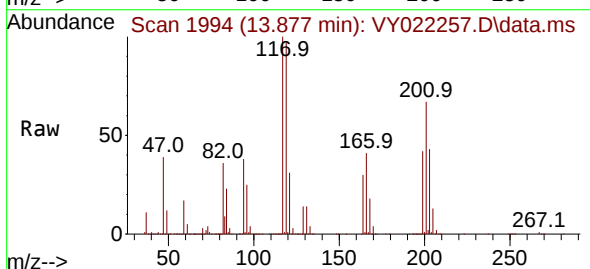
Manual Integrations
APPROVED

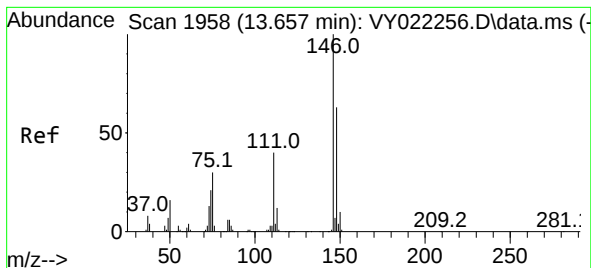
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#90
Hexachloroethane
Concen: 96.961 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24

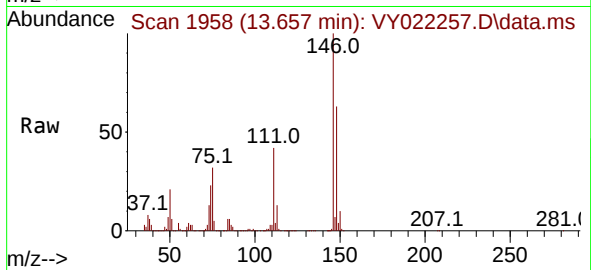
Tgt Ion:117 Resp: 275652
Ion Ratio Lower Upper
117 100
201 70.4 35.2 105.6





#91
1,2-Dichlorobenzene
Concen: 100.192 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24

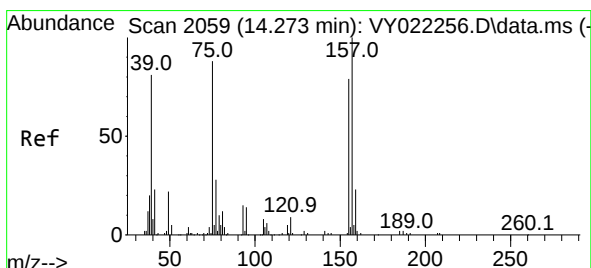
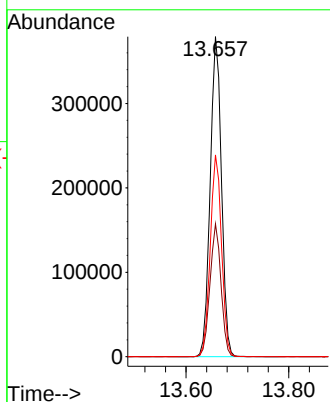
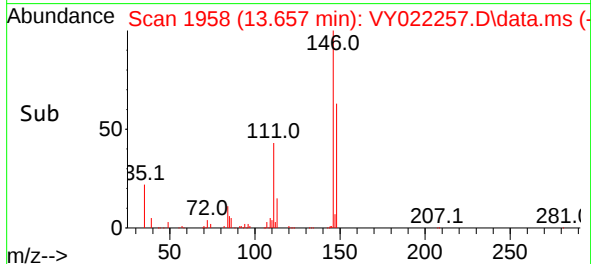
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



Tgt Ion:146 Resp: 576915
Ion Ratio Lower Upper
146 100
111 40.8 20.5 61.5
148 63.2 32.0 96.0

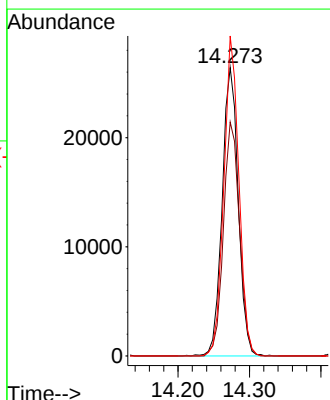
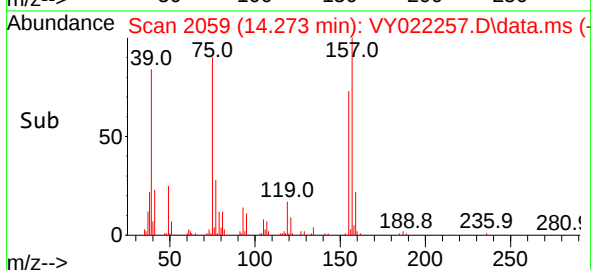
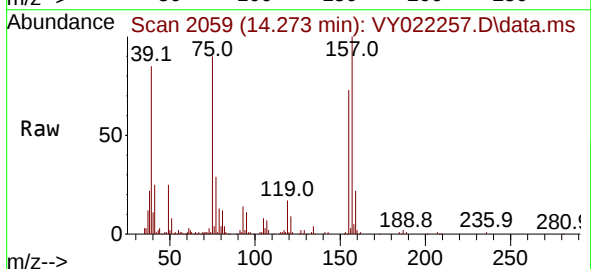
Manual Integrations
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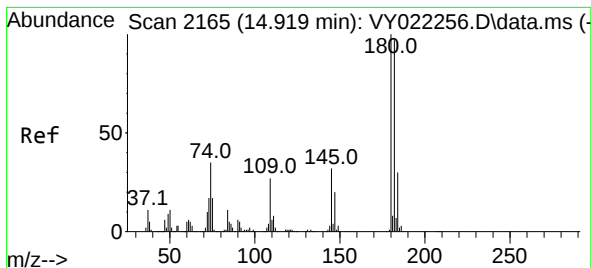
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 105.859 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24

Tgt Ion: 75 Resp: 41275
Ion Ratio Lower Upper
75 100
155 81.3 43.4 130.1
157 104.0 54.6 163.9





#93

1,2,4-Trichlorobenzene

Concen: 103.107 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY022257.D

Acq: 15 May 2025 11:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

Tgt Ion:180 Resp: 342939

Ion Ratio Lower Upper

180 100

182 95.8 48.0 144.0

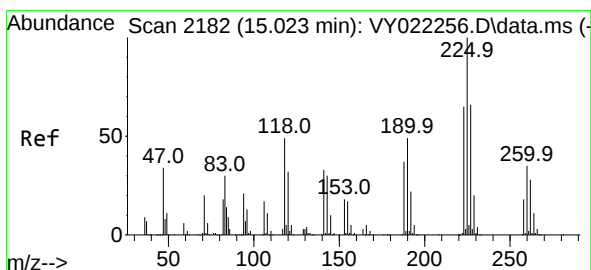
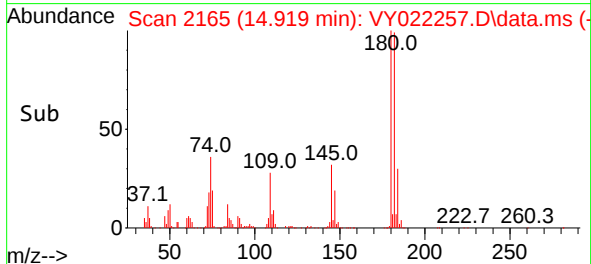
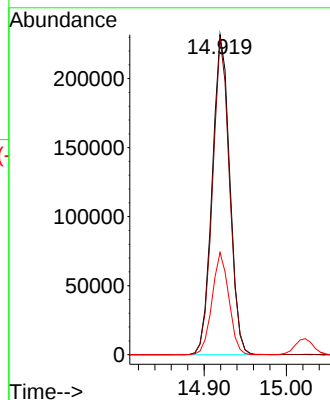
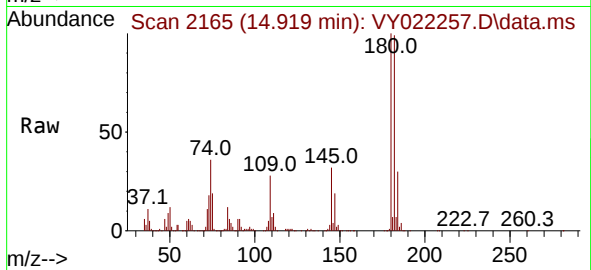
145 30.7 15.0 45.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025

Supervised By :Semsettin Yesilyurt 05/16/2025



#94

Hexachlorobutadiene

Concen: 97.075 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. -0.000 min

Lab File: VY022257.D

Acq: 15 May 2025 11:24

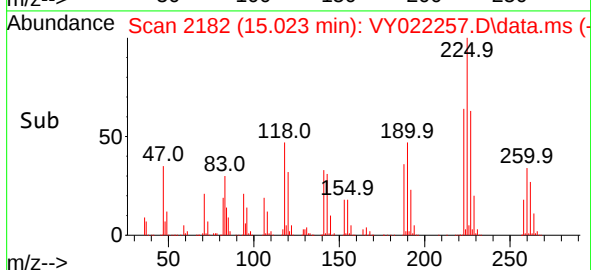
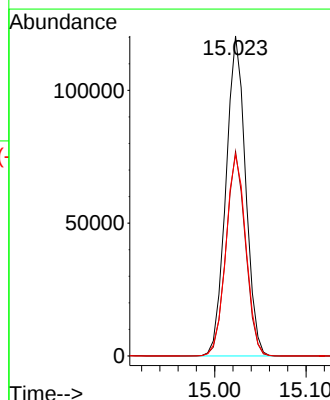
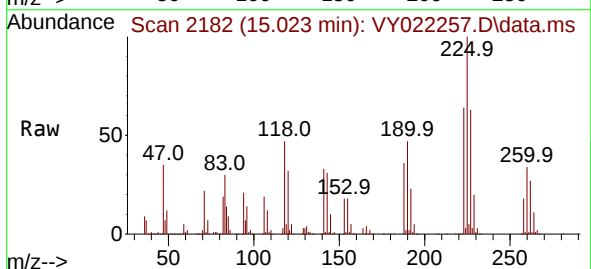
Tgt Ion:225 Resp: 180060

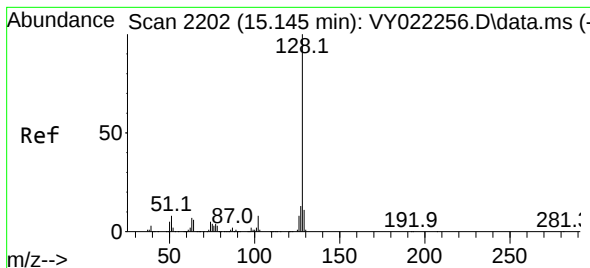
Ion Ratio Lower Upper

225 100

223 62.8 31.5 94.5

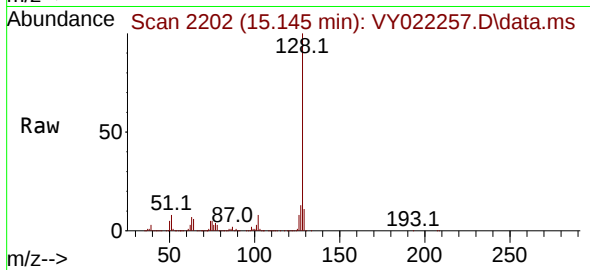
227 64.1 32.1 96.3





#95
Naphthalene
Concen: 106.935 ug/l
RT: 15.145 min Scan# 2202
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24

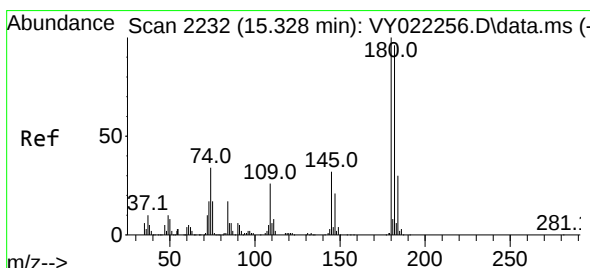
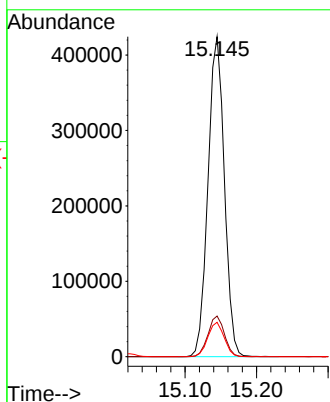
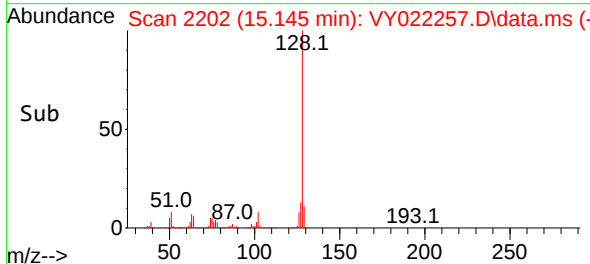
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



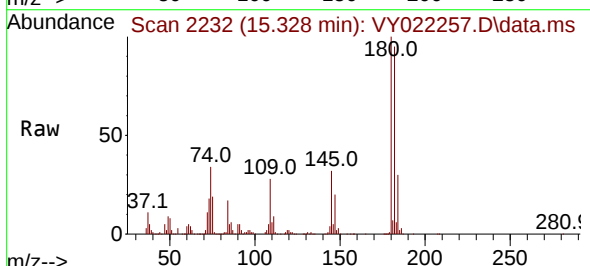
Tgt Ion:128 Resp: 674950
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.2
129 10.8 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#96
1,2,3-Trichlorobenzene
Concen: 104.488 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24



Tgt Ion:180 Resp: 294823
Ion Ratio Lower Upper
180 100
182 95.3 47.1 141.3
145 31.8 15.9 47.6

