

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051525\
 Data File : VY022255.D
 Acq On : 15 May 2025 10:39
 Operator : SY/MD
 Sample : VSTDIC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

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

Quant Time: May 16 01:22:12 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	262008	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	439816	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	370072	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	172509	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	55221	19.284	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	38.560%#		
35) Dibromofluoromethane	7.634	113	51670	19.683	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	39.360%#		
50) Toluene-d8	10.109	98	210206	19.552	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	39.100%#		
62) 4-Bromofluorobenzene	12.408	95	64706	18.988	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	37.980%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	56737	20.753	ug/l	99
3) Chloromethane	2.068	50	120819	21.008	ug/l	97
4) Vinyl Chloride	2.202	62	132511	20.623	ug/l	96
5) Bromomethane	2.592	94	110855	21.194	ug/l	99
6) Chloroethane	2.732	64	83451	20.877	ug/l	99
7) Trichlorofluoromethane	3.050	101	132029	20.295	ug/l	97
8) Diethyl Ether	3.458	74	29651	18.993	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.812	101	57012	20.187	ug/l	98
10) Methyl Iodide	4.001	142	65018	19.891	ug/l	98
11) Tert butyl alcohol	4.872	59	19585	89.565	ug/l #	100
12) 1,1-Dichloroethene	3.787	96	56630	20.206	ug/l	98
13) Acrolein	3.653	56	30106	94.178	ug/l	91
14) Allyl chloride	4.385	41	99483	20.244	ug/l	100
15) Acrylonitrile	5.061	53	60119	93.456	ug/l	100
16) Acetone	3.873	43	50198	93.491	ug/l	96
17) Carbon Disulfide	4.104	76	184860	20.228	ug/l	99
18) Methyl Acetate	4.391	43	29969	18.344	ug/l	96
19) Methyl tert-butyl Ether	5.116	73	145976	18.890	ug/l	100
20) Methylene Chloride	4.616	84	67687	19.510	ug/l	99
21) trans-1,2-Dichloroethene	5.116	96	63174	20.422	ug/l	97
22) Diisopropyl ether	6.019	45	202960	19.558	ug/l	99
23) Vinyl Acetate	5.958	43	594019	94.748	ug/l	99
24) 1,1-Dichloroethane	5.915	63	115217	19.873	ug/l	99
25) 2-Butanone	6.896	43	82768	92.157	ug/l	93
26) 2,2-Dichloropropane	6.890	77	101725	19.727	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	70008	19.611	ug/l	98
28) Bromochloromethane	7.244	49	48933	19.787	ug/l	100
29) Tetrahydrofuran	7.262	42	53229	92.122	ug/l	98
30) Chloroform	7.421	83	111815	20.107	ug/l	98
31) Cyclohexane	7.695	56	112876	19.486	ug/l	97
32) 1,1,1-Trichloroethane	7.616	97	100618	19.721	ug/l	100
36) 1,1-Dichloropropene	7.835	75	85789	19.841	ug/l	99
37) Ethyl Acetate	6.988	43	38482	18.497	ug/l	99
38) Carbon Tetrachloride	7.817	117	86871	19.410	ug/l	98
39) Methylcyclohexane	9.109	83	113511	19.540	ug/l	98
40) Benzene	8.079	78	252507	19.700	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.213	41	26008m	17.085	ug/l	
42) 1,2-Dichloroethane	8.158	62	66525	19.192	ug/l	99
43) Isopropyl Acetate	8.201	43	84532	18.631	ug/l	97
44) Trichloroethene	8.866	130	63438	19.904	ug/l	96
45) 1,2-Dichloropropane	9.140	63	60438	19.557	ug/l	100
46) Dibromomethane	9.231	93	31752	19.050	ug/l	99
47) Bromodichloromethane	9.426	83	83823	19.385	ug/l	96
48) Methyl methacrylate	9.219	41	39387	18.563	ug/l	99
49) 1,4-Dioxane	9.237	88	7312	388.323	ug/l	93
51) 4-Methyl-2-Pentanone	9.999	43	202454	90.940	ug/l	99
52) Toluene	10.170	92	156498	19.281	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	80413	19.056	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	94074	19.458	ug/l	99
55) 1,1,2-Trichloroethane	10.573	97	40872	19.149	ug/l	99
56) Ethyl methacrylate	10.438	69	62193	18.706	ug/l	97
57) 1,3-Dichloropropane	10.713	76	72715	19.175	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.707	63	126240	84.595	ug/l	99
59) 2-Hexanone	10.762	43	132496	88.766	ug/l	100
60) Dibromochloromethane	10.914	129	52353	18.898	ug/l	98
61) 1,2-Dibromoethane	11.012	107	37735	18.969	ug/l	99
64) Tetrachloroethene	10.646	164	69548	20.332	ug/l	98
65) Chlorobenzene	11.438	112	163725	19.610	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	55078	19.189	ug/l	98
67) Ethyl Benzene	11.518	91	303375	19.402	ug/l	99
68) m/p-Xylenes	11.627	106	225990	38.355	ug/l	100
69) o-Xylene	11.956	106	106998	19.194	ug/l	100
70) Styrene	11.969	104	179114	19.048	ug/l	99
71) Bromoform	12.133	173	28788	18.582	ug/l #	98
73) Isopropylbenzene	12.255	105	282895	19.795	ug/l	100
74) N-amyl acetate	12.072	43	76841	18.799	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	40064	18.228	ug/l	97
76) 1,2,3-Trichloropropane	12.554	75	35574m	11.701	ug/l	
77) Bromobenzene	12.530	156	58515	19.170	ug/l	99
78) n-propylbenzene	12.597	91	338383	19.630	ug/l	99
79) 2-Chlorotoluene	12.682	91	185872	19.621	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	225966	19.587	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	16653	19.302	ug/l	97
82) 4-Chlorotoluene	12.779	91	189350	19.433	ug/l	100
83) tert-Butylbenzene	12.999	119	200101	19.515	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	221194	19.315	ug/l	98
85) sec-Butylbenzene	13.176	105	297975	19.576	ug/l	100
86) p-Isopropyltoluene	13.292	119	246569	19.261	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	118336	18.991	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	117705	19.638	ug/l	99
89) n-Butylbenzene	13.615	91	240857	19.887	ug/l	99
90) Hexachloroethane	13.877	117	50762	19.643	ug/l	98
91) 1,2-Dichlorobenzene	13.657	146	102077	19.502	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	6387	18.021	ug/l	98
93) 1,2,4-Trichlorobenzene	14.919	180	58490	19.346	ug/l	99
94) Hexachlorobutadiene	15.023	225	34228	20.301	ug/l	100
95) Naphthalene	15.145	128	105350	18.362	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	48444	18.888	ug/l	99

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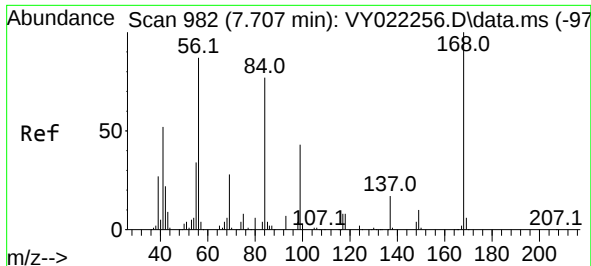
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

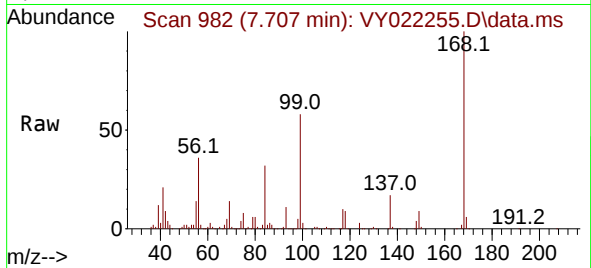
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39

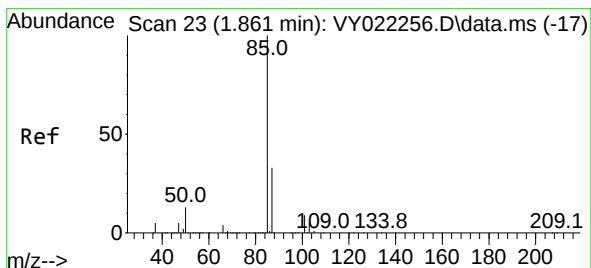
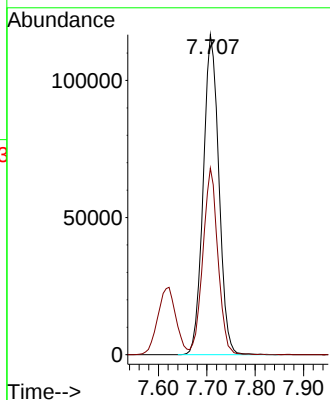
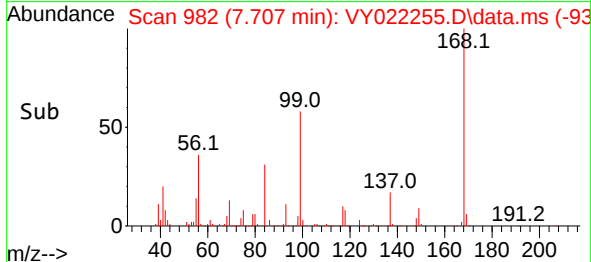
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion:168 Resp: 262008
Ion Ratio Lower Upper
168 100
99 58.3 44.2 66.4

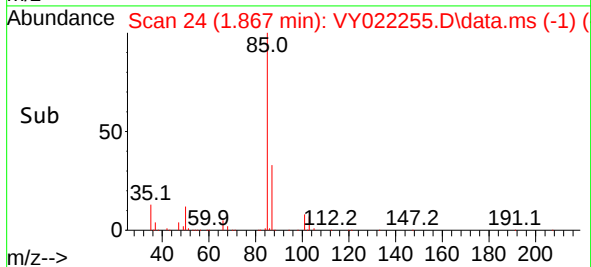
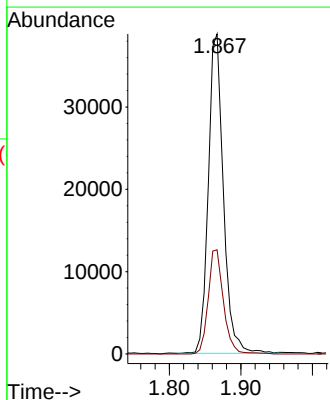
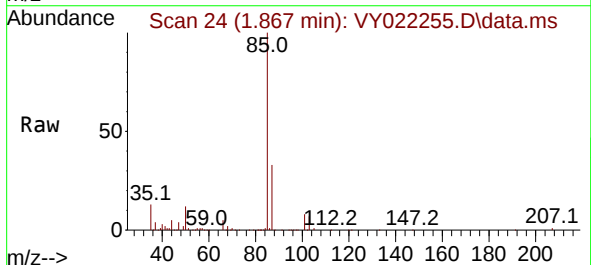
Manual Integrations
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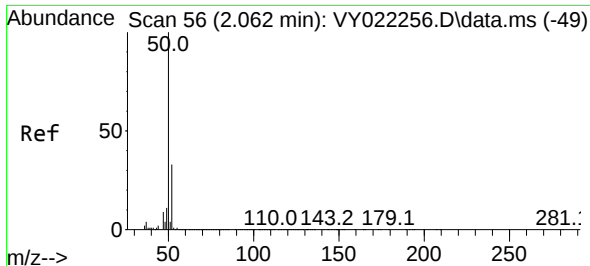
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#2
Dichlorodifluoromethane
Concen: 20.753 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39

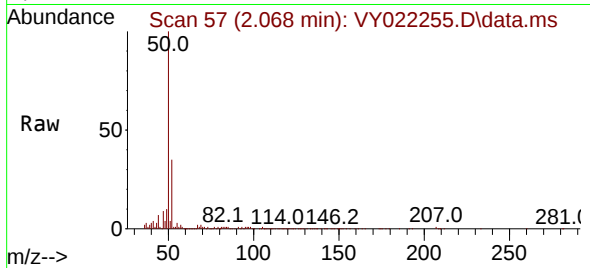
Tgt Ion: 85 Resp: 56737
Ion Ratio Lower Upper
85 100
87 32.6 16.5 49.5





#3
Chloromethane
Concen: 21.008 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39

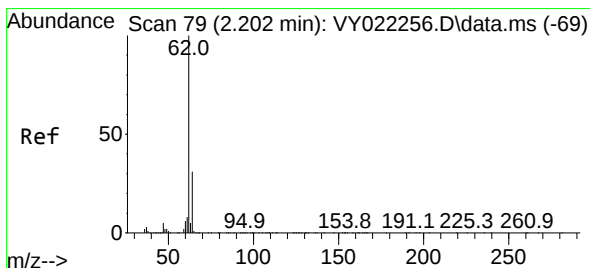
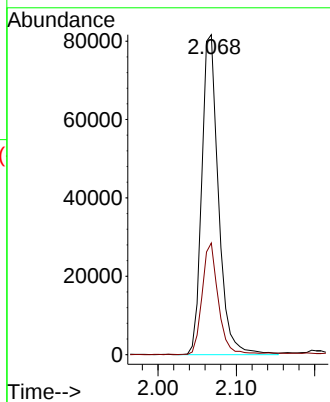
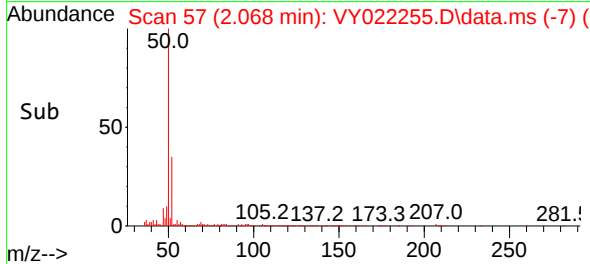
Instrument :
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Tgt Ion: 50 Resp: 120819
Ion Ratio Lower Upper
50 100
52 34.9 26.5 39.7

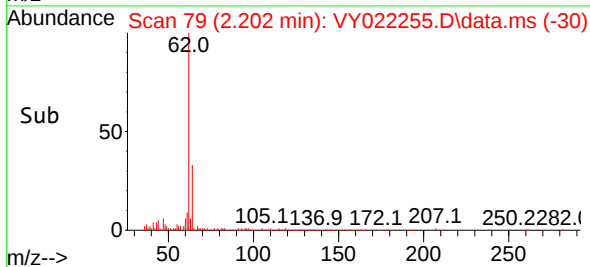
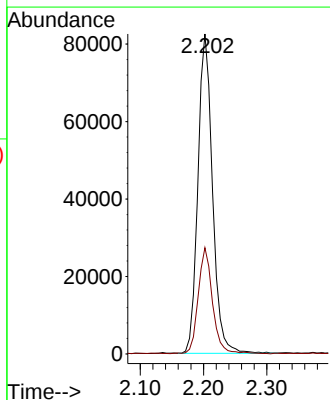
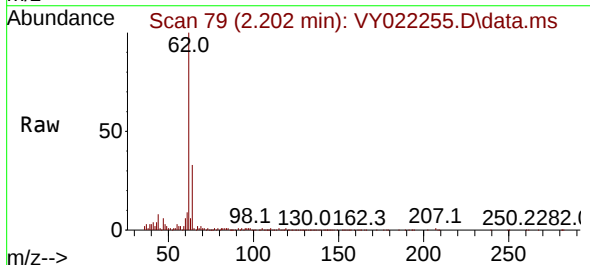
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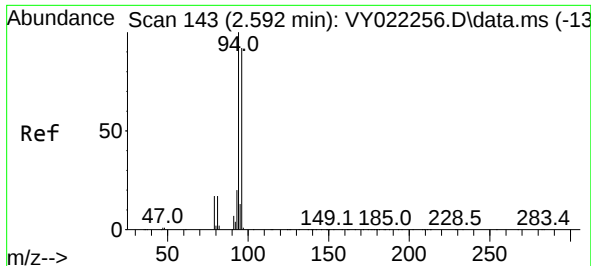
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#4
Vinyl Chloride
Concen: 20.623 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39

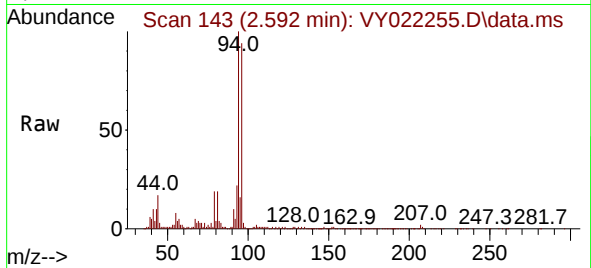
Tgt Ion: 62 Resp: 132511
Ion Ratio Lower Upper
62 100
64 33.0 24.5 36.7





#5
Bromomethane
Concen: 21.194 ug/l
RT: 2.592 min Scan# 143
Delta R.T. 0.000 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39

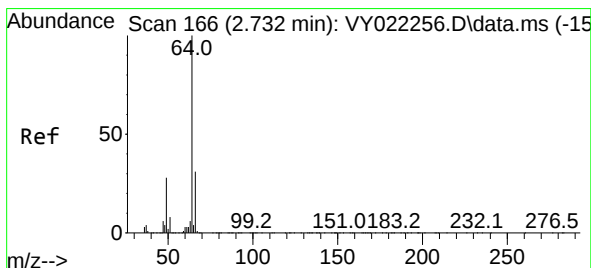
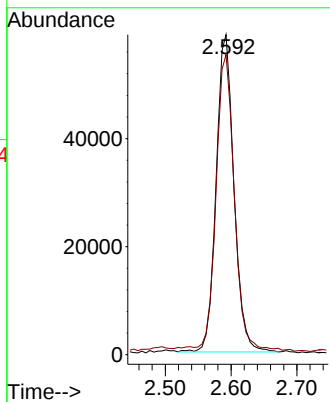
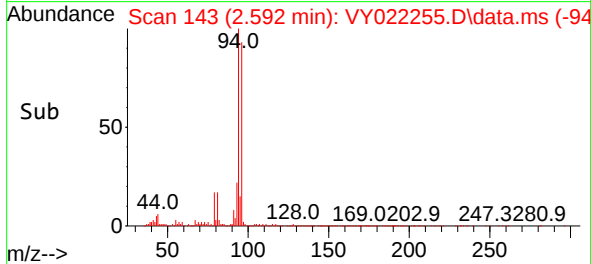
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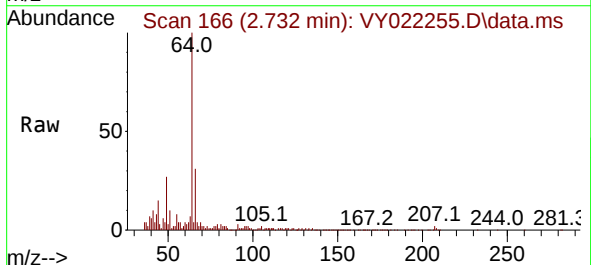
Tgt Ion: 94 Resp: 11085
Ion Ratio Lower Upper
94 100
96 92.6 73.4 110.0

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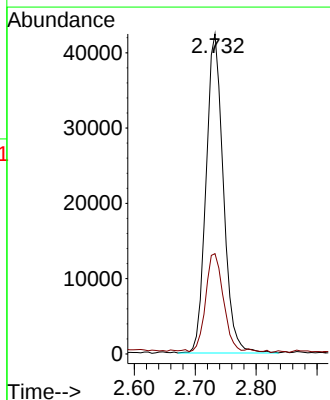
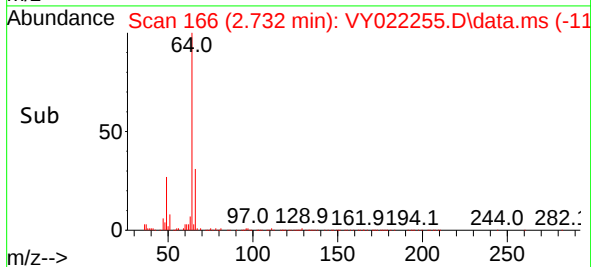
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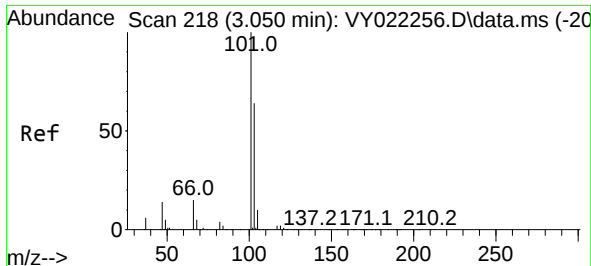


#6
Chloroethane
Concen: 20.877 ug/l
RT: 2.732 min Scan# 166
Delta R.T. 0.000 min
Lab File: VY022255.D
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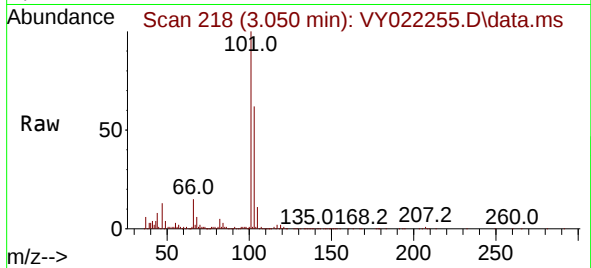
Tgt Ion: 64 Resp: 83451
Ion Ratio Lower Upper
64 100
66 30.4 24.8 37.2





#7
 Trichlorofluoromethane
 Concen: 20.295 ug/l
 RT: 3.050 min Scan# 218
 Delta R.T. 0.000 min
 Lab File: VY022255.D
 Acq: 15 May 2025 10:39

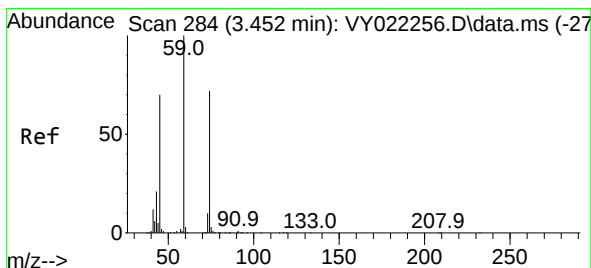
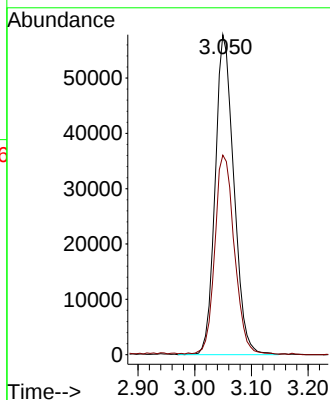
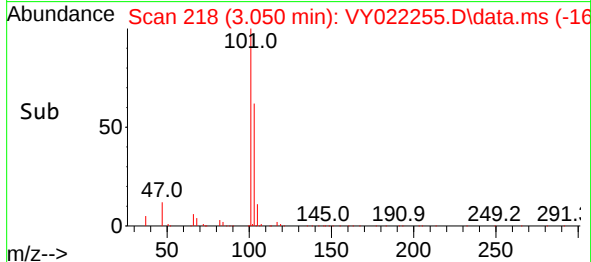
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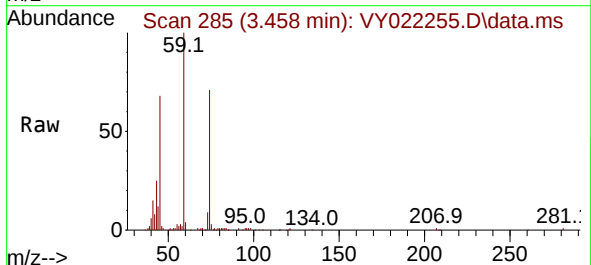
Tgt Ion:101 Resp: 132029
 Ion Ratio Lower Upper
 101 100
 103 62.2 51.7 77.5

Manual Integrations
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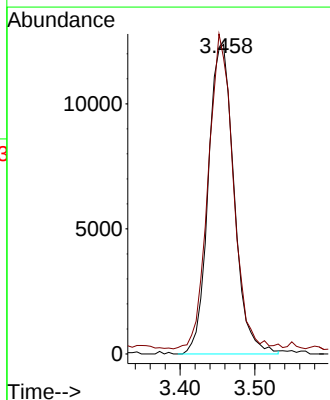
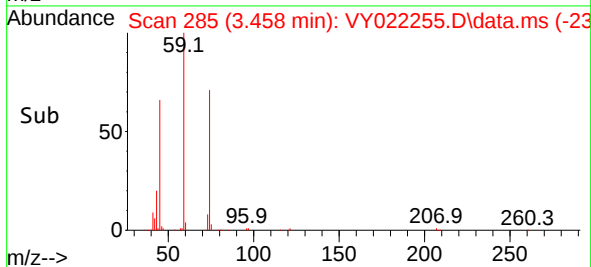
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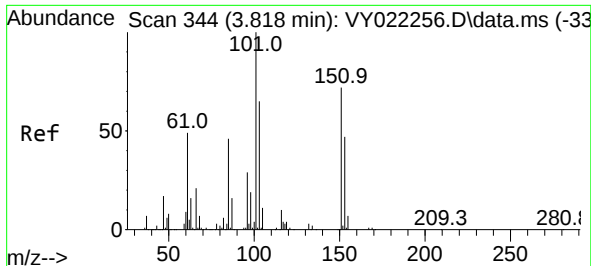


#8
 Diethyl Ether
 Concen: 18.993 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.006 min
 Lab File: VY022255.D
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Tgt Ion: 74 Resp: 29651
 Ion Ratio Lower Upper
 74 100
 45 99.0 48.6 145.8





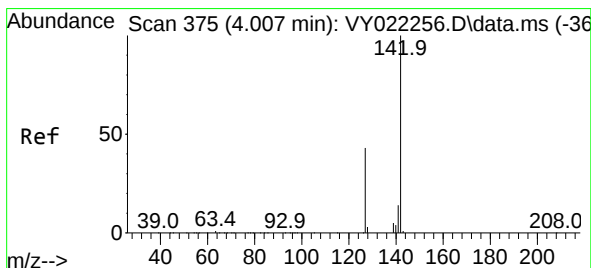
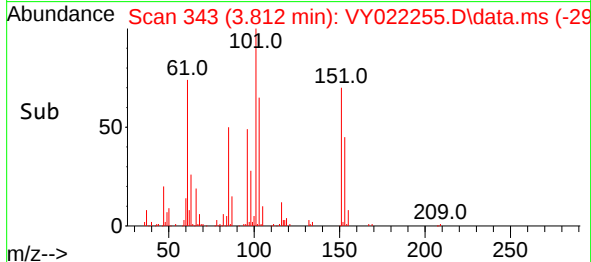
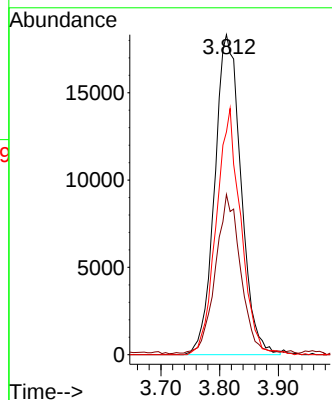
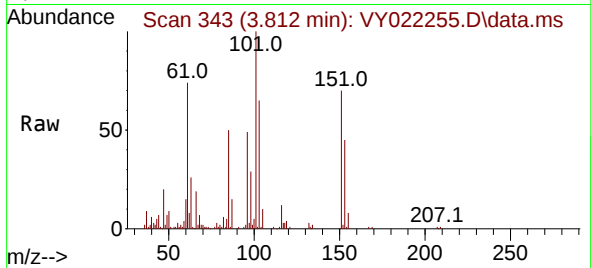
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.187 ug/l
RT: 3.812 min Scan# 344
Delta R.T. -0.006 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:101 Resp: 57012
Ion Ratio Lower Upper
101 100
85 47.7 38.6 58.0
151 71.9 59.7 89.5

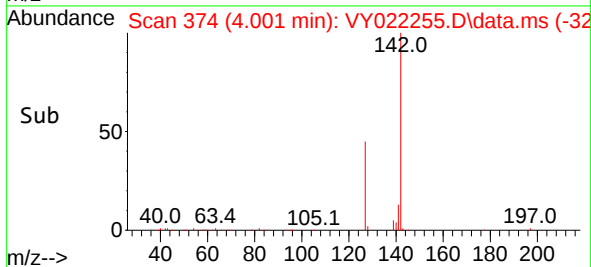
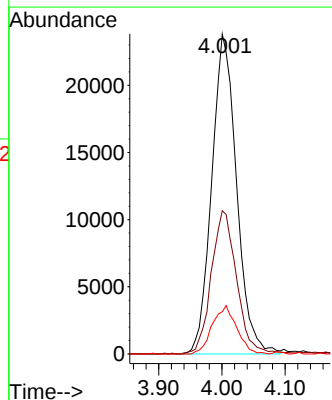
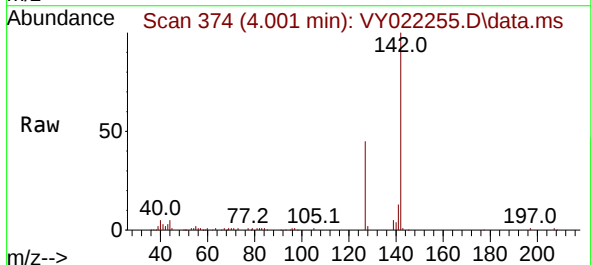
Manual Integrations
APPROVED

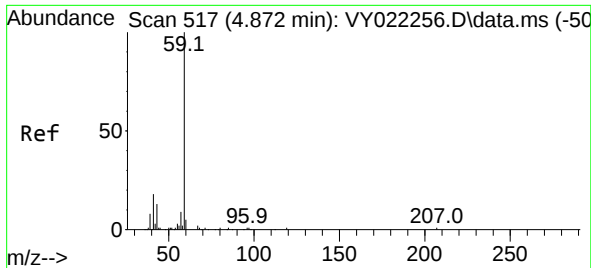
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#10
Methyl Iodide
Concen: 19.891 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39

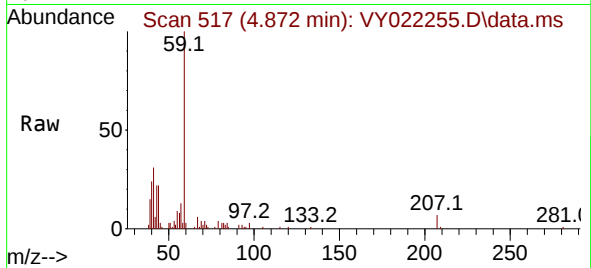
Tgt Ion:142 Resp: 65018
Ion Ratio Lower Upper
142 100
127 45.5 35.7 53.5
141 14.8 11.1 16.7





#11
Tert butyl alcohol
Concen: 89.565 ug/l
RT: 4.872 min Scan# 517
Delta R.T. 0.000 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39

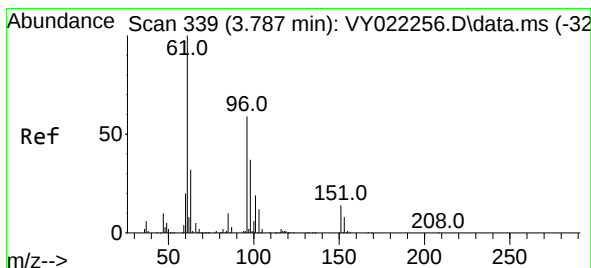
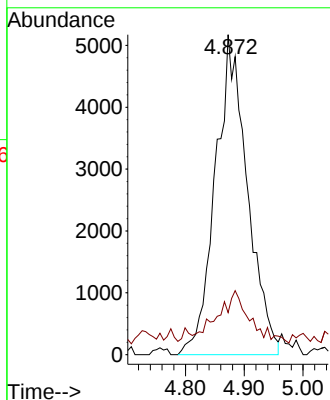
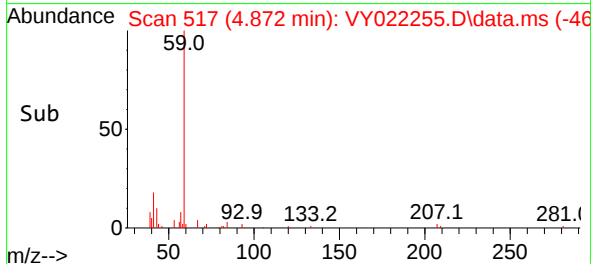
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



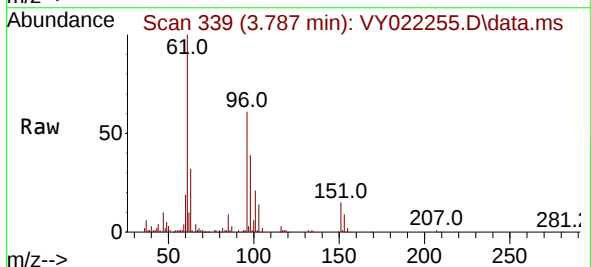
Tgt Ion: 59 Resp: 1958
Ion Ratio Lower Upper
59 100
57 16.5 0.0 0.0

Manual Integrations
APPROVED

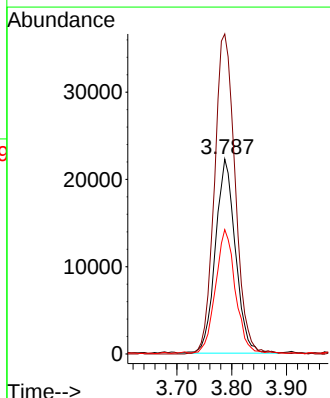
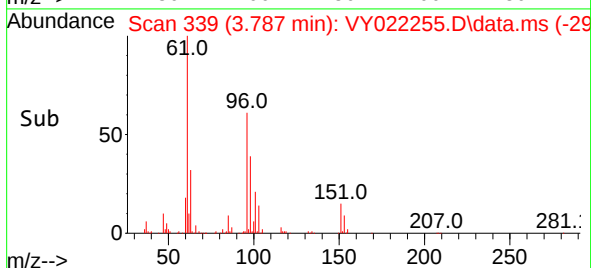
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

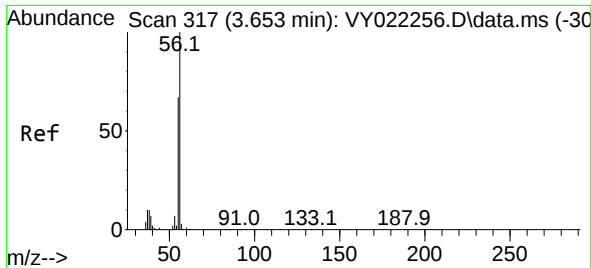


#12
1,1-Dichloroethene
Concen: 20.206 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39



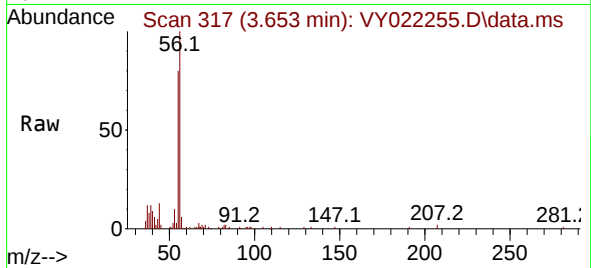
Tgt Ion: 96 Resp: 56630
Ion Ratio Lower Upper
96 100
61 164.8 134.9 202.3
98 63.5 49.9 74.9





#13
Acrolein
Concen: 94.178 ug/l
RT: 3.653 min Scan# 317
Delta R.T. 0.000 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39

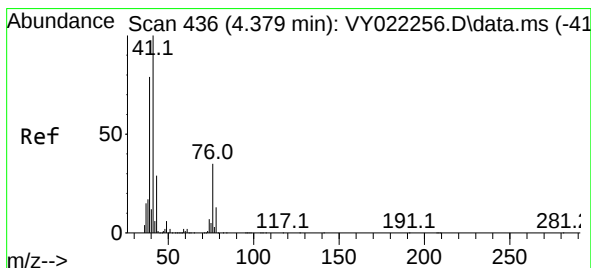
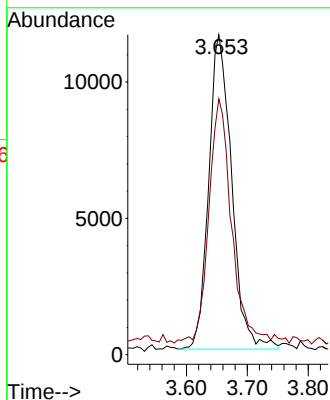
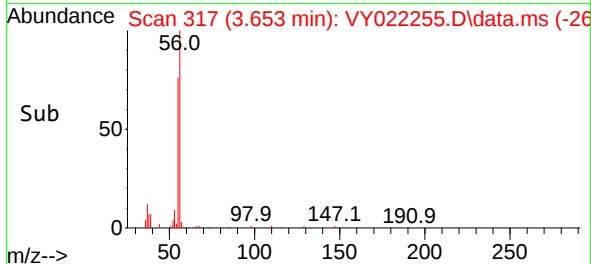
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



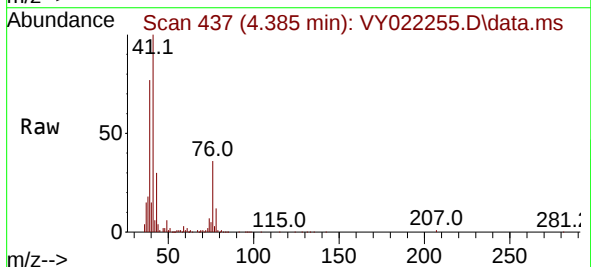
Tgt Ion: 56 Resp: 30100
Ion Ratio Lower Upper
56 100
55 76.6 55.6 83.4

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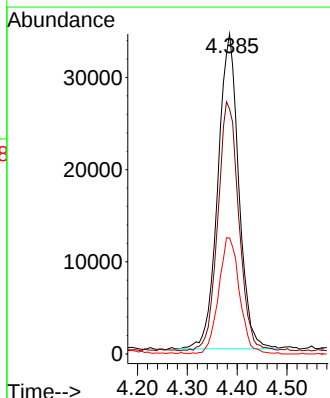
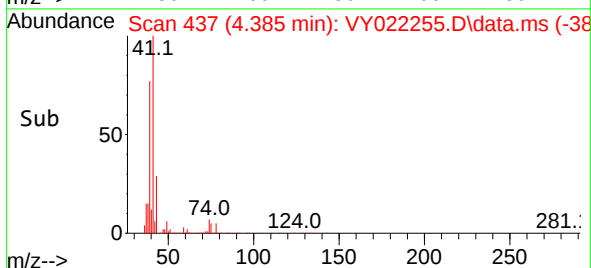
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

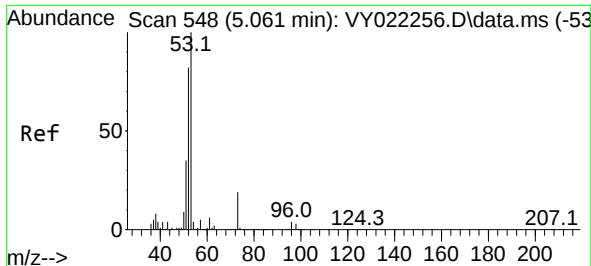


#14
Allyl chloride
Concen: 20.244 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39



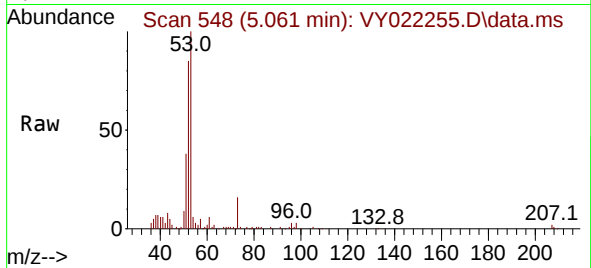
Tgt Ion: 41 Resp: 99483
Ion Ratio Lower Upper
41 100
39 79.7 63.4 95.0
76 37.1 29.5 44.3





#15
Acrylonitrile
Concen: 93.456 ug/l
RT: 5.061 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39

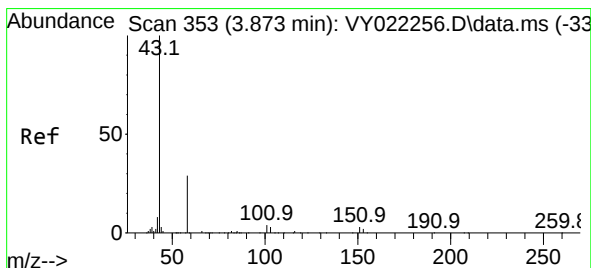
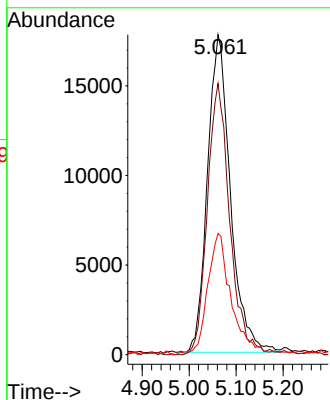
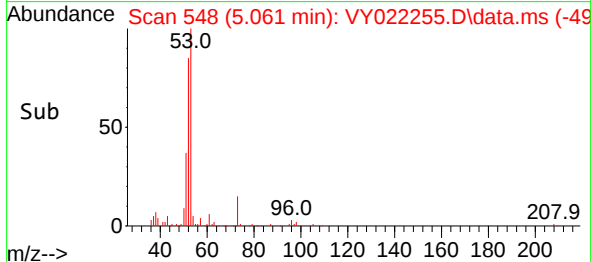
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



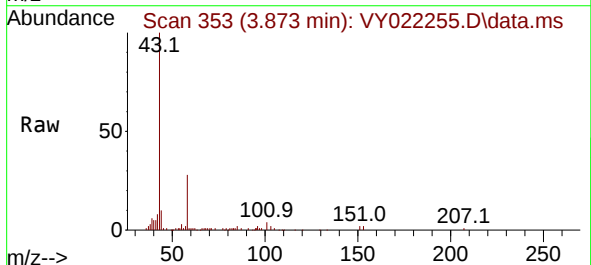
Tgt Ion: 53 Resp: 60119
Ion Ratio Lower Upper
53 100
52 83.1 66.1 99.1
51 37.6 30.0 45.0

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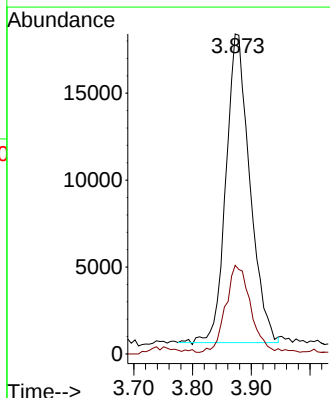
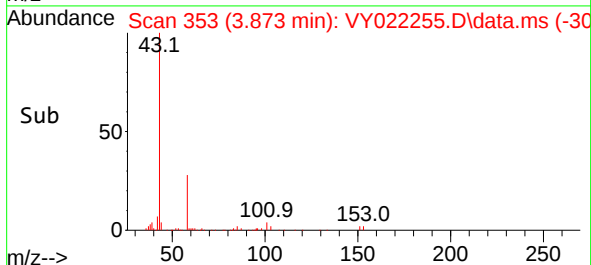
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

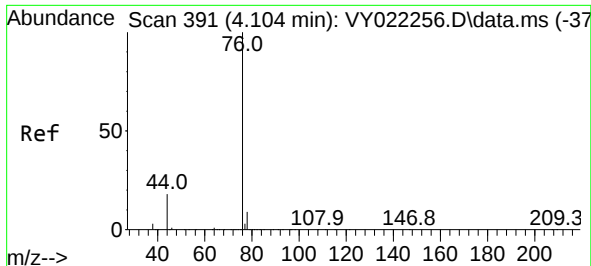


#16
Acetone
Concen: 93.491 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39



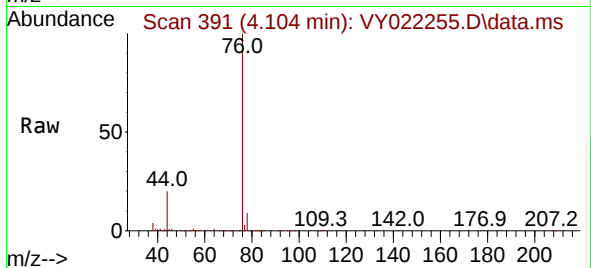
Tgt Ion: 43 Resp: 50198
Ion Ratio Lower Upper
43 100
58 27.5 23.6 35.4





#17
Carbon Disulfide
Concen: 20.228 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39

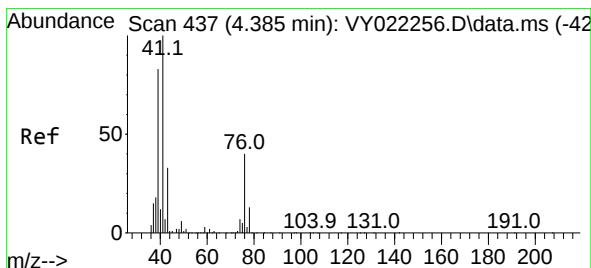
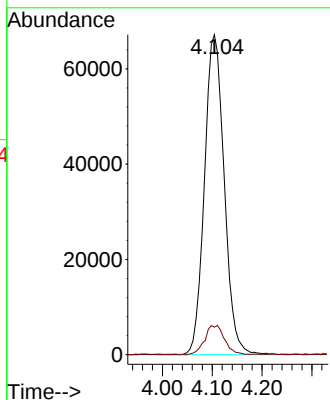
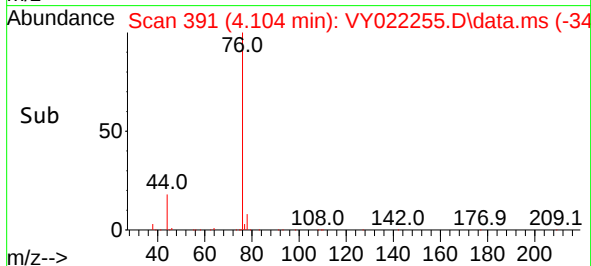
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



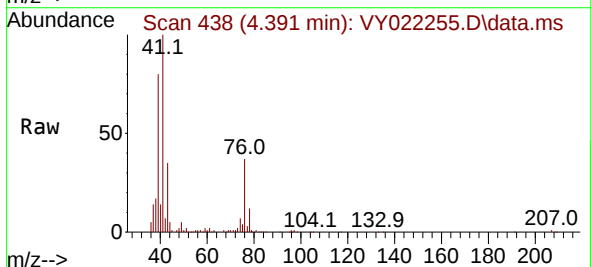
Tgt Ion: 76 Resp: 184860
Ion Ratio Lower Upper
76 100
78 8.6 7.2 10.8

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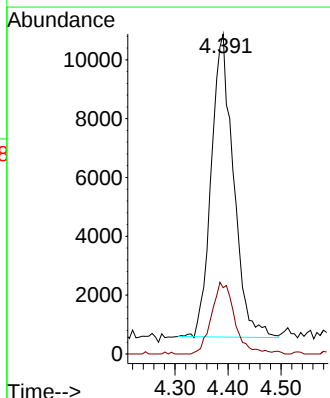
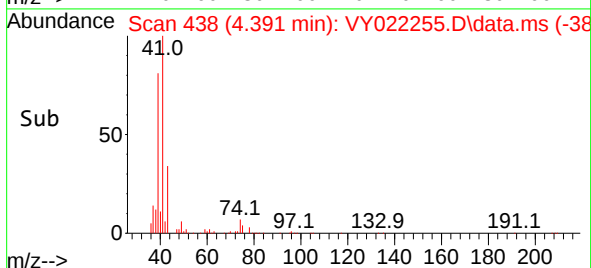
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#18
Methyl Acetate
Concen: 18.344 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39



Tgt Ion: 43 Resp: 29969
Ion Ratio Lower Upper
43 100
74 24.6 18.2 27.4





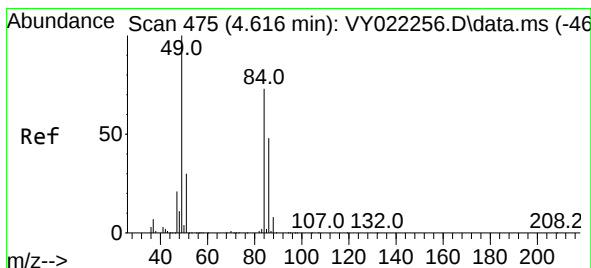
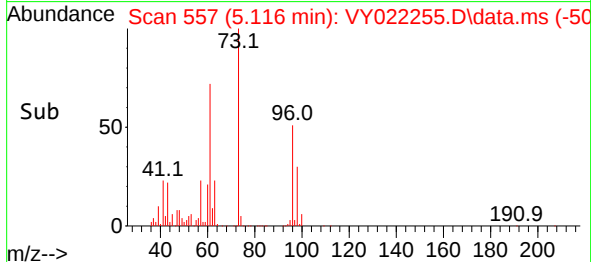
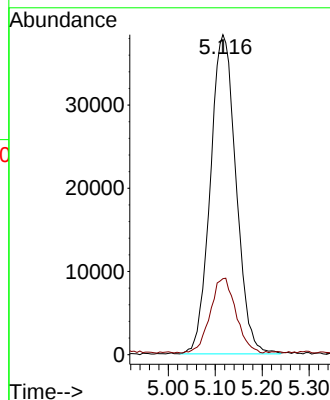
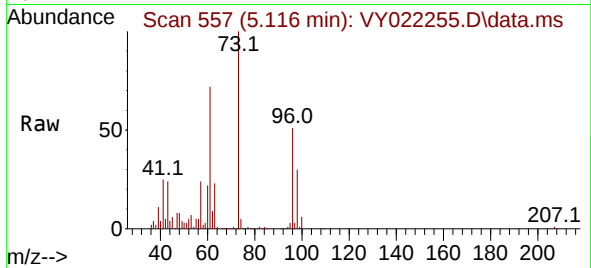
#19
Methyl tert-butyl Ether
Concen: 18.890 ug/l
RT: 5.116 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 73 Resp: 145970
Ion Ratio Lower Upper
73 100
57 23.2 18.6 28.0

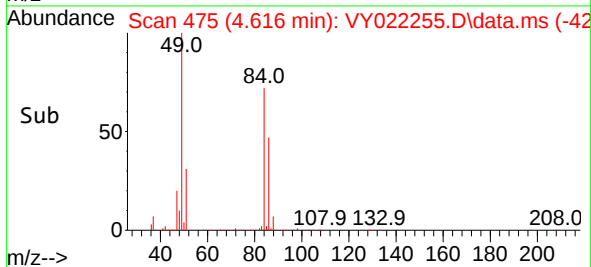
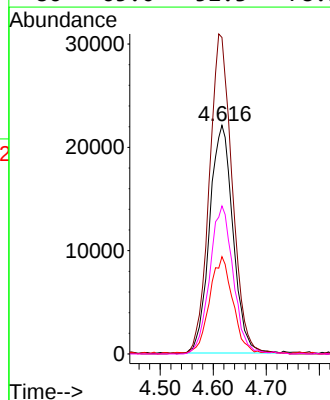
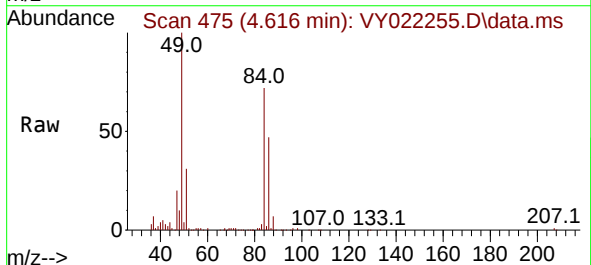
Manual Integrations
APPROVED

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



#20
Methylene Chloride
Concen: 19.510 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39

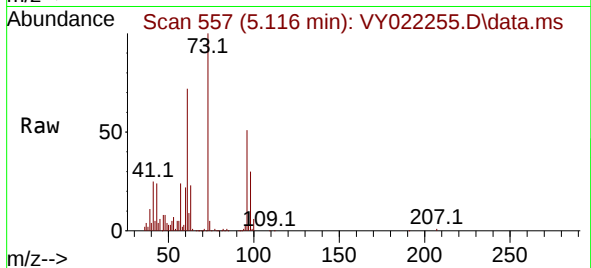
Tgt Ion: 84 Resp: 67687
Ion Ratio Lower Upper
84 100
49 138.7 109.6 164.4
51 42.3 32.4 48.6
86 65.0 52.3 78.5





#21
trans-1,2-Dichloroethene
Concen: 20.422 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39

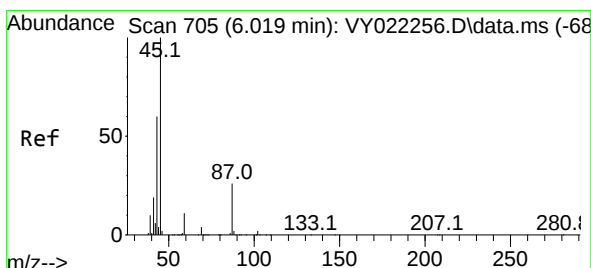
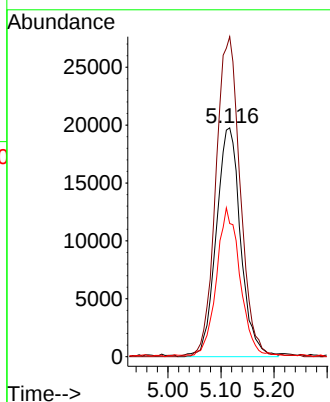
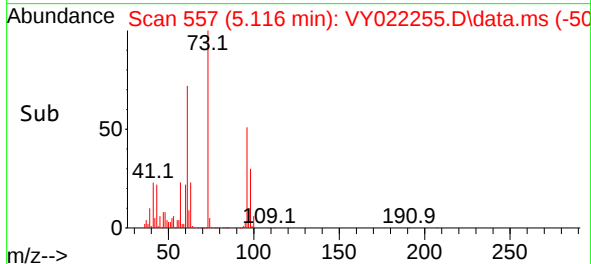
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



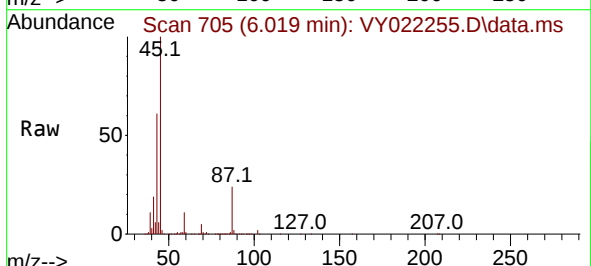
Tgt Ion: 96 Resp: 63174
Ion Ratio Lower Upper
96 100
61 139.8 113.4 170.0
98 57.5 50.9 76.3

Manual Integrations
APPROVED

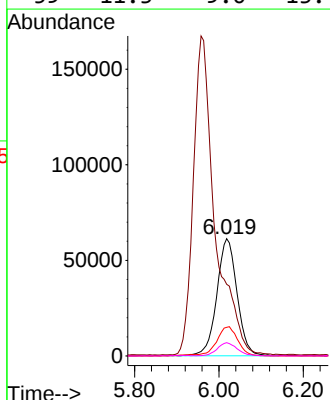
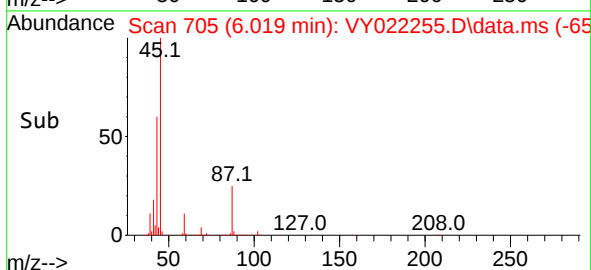
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#22
Diisopropyl ether
Concen: 19.558 ug/l
RT: 6.019 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39



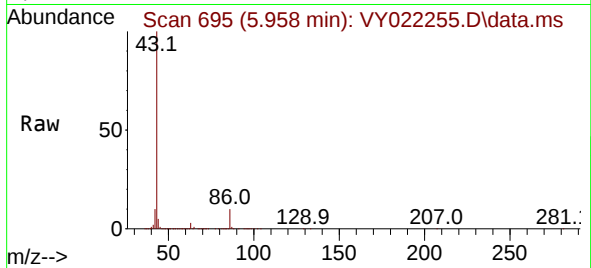
Tgt Ion: 45 Resp: 202960
Ion Ratio Lower Upper
45 100
43 59.9 48.2 72.2
87 24.5 21.4 32.0
59 11.3 9.0 13.4





#23
 Vinyl Acetate
 Concen: 94.748 ug/l
 RT: 5.958 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY022255.D
 Acq: 15 May 2025 10:39

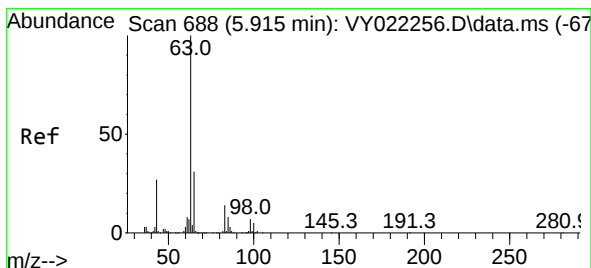
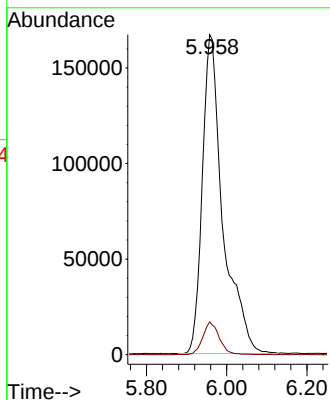
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020



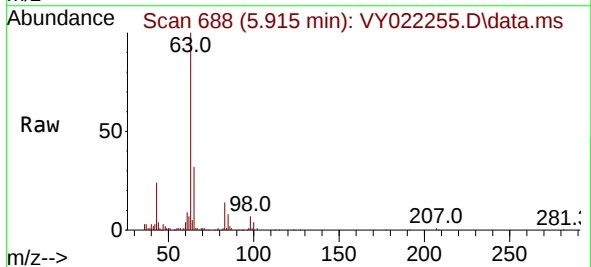
Tgt Ion: 43 Resp: 594019
 Ion Ratio Lower Upper
 43 100
 86 10.3 7.8 11.8

Manual Integrations
 APPROVED

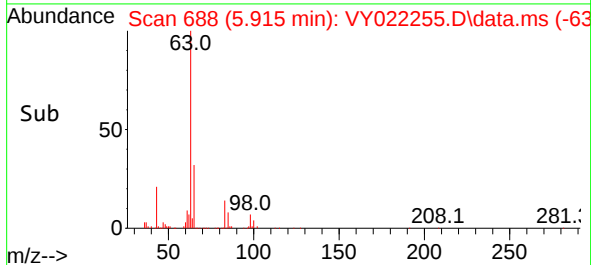
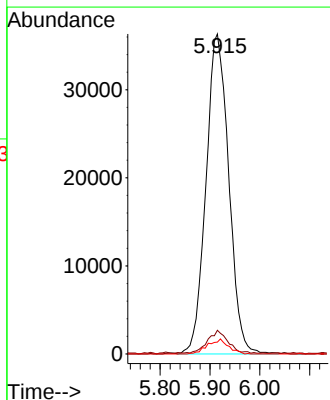
Reviewed By :Mahesh Dadoda 05/16/2025
 Supervised By :Semsettin Yesilyurt 05/16/2025

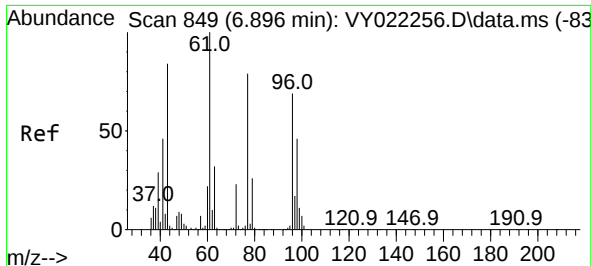


#24
 1,1-Dichloroethane
 Concen: 19.873 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY022255.D
 Acq: 15 May 2025 10:39



Tgt Ion: 63 Resp: 115217
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.5 10.5
 100 3.7 2.4 7.2





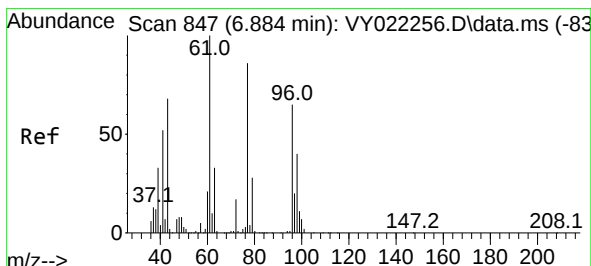
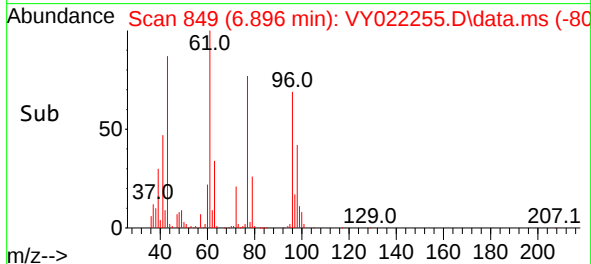
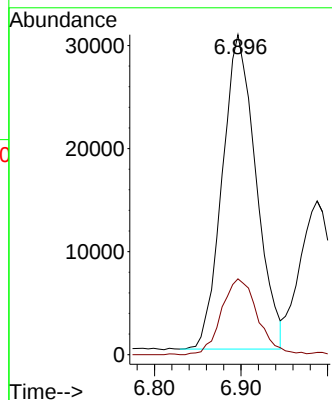
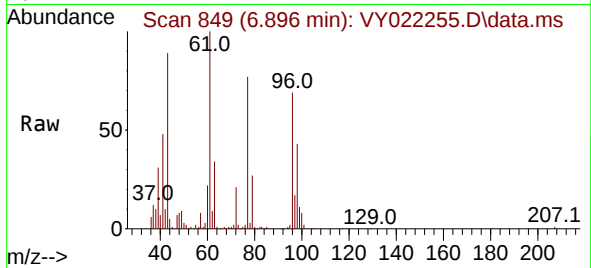
#25
2-Butanone
Concen: 92.157 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 82768
Ion Ratio Lower Upper
43 100
72 24.1 22.1 33.1

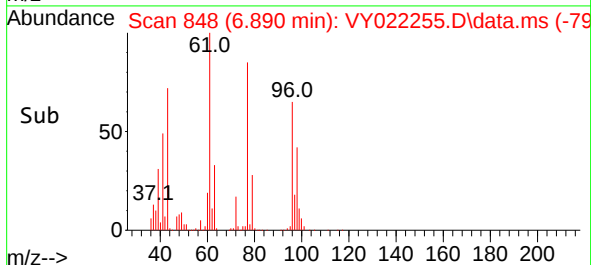
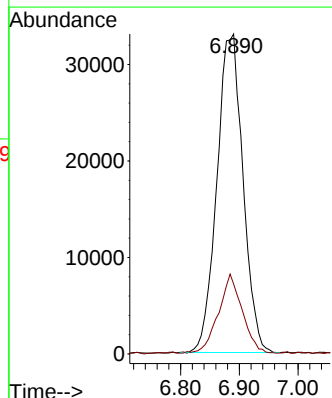
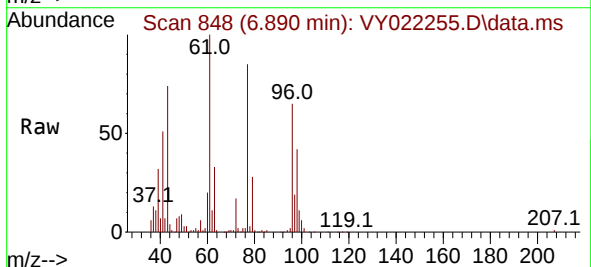
Manual Integrations
APPROVED

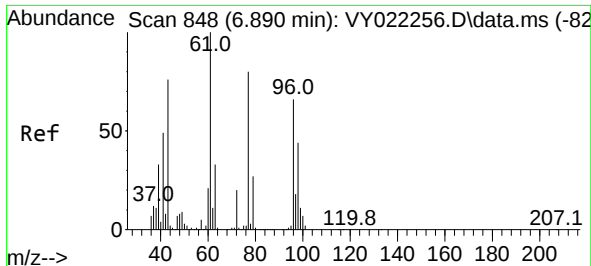
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#26
2,2-Dichloropropane
Concen: 19.727 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39

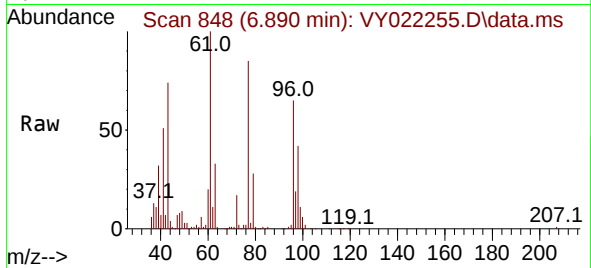
Tgt Ion: 77 Resp: 101725
Ion Ratio Lower Upper
77 100
97 22.6 11.2 33.5





#27
 cis-1,2-Dichloroethene
 Concen: 19.611 ug/l
 RT: 6.890 min Scan# 848
 Delta R.T. 0.000 min
 Lab File: VY022255.D
 Acq: 15 May 2025 10:39

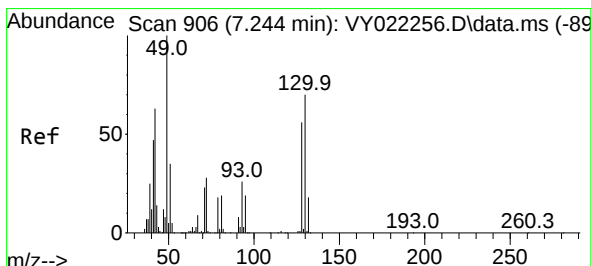
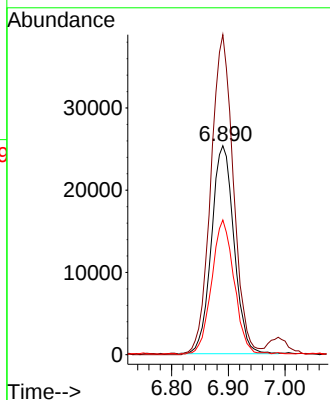
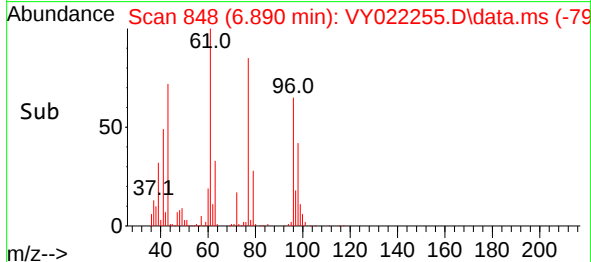
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020



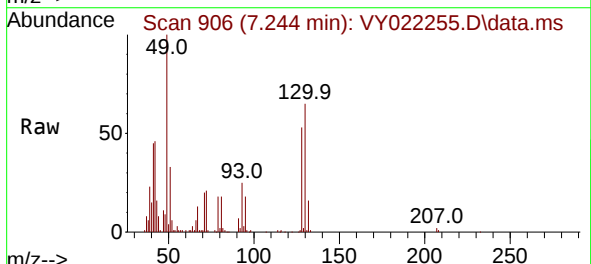
Tgt Ion: 96 Resp: 7000
 Ion Ratio Lower Upper
 96 100
 61 153.9 0.0 302.6
 98 64.1 0.0 128.8

Manual Integrations
 APPROVED

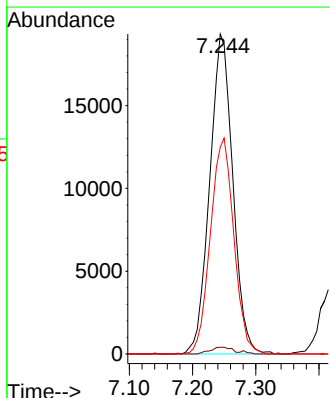
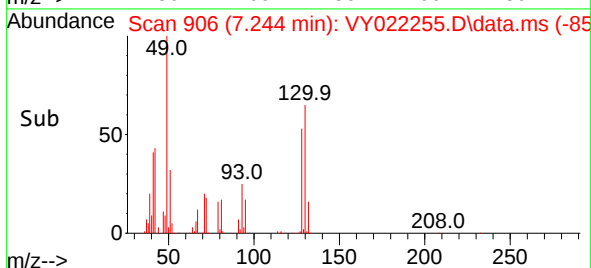
Reviewed By :Mahesh Dadoda 05/16/2025
 Supervised By :Semsettin Yesilyurt 05/16/2025

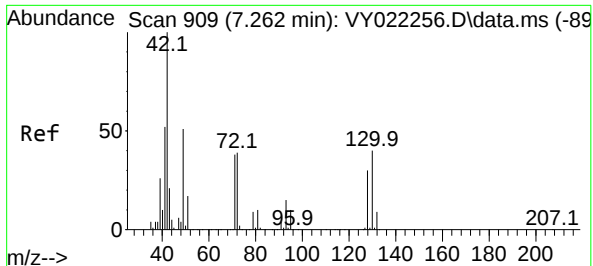


#28
 Bromochloromethane
 Concen: 19.787 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. 0.000 min
 Lab File: VY022255.D
 Acq: 15 May 2025 10:39



Tgt Ion: 49 Resp: 48933
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 3.6
 130 68.4 54.7 82.1





#29

Tetrahydrofuran

Concen: 92.122 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY022255.D

Acq: 15 May 2025 10:39

Instrument :

MSVOA_Y

ClientSampleId :

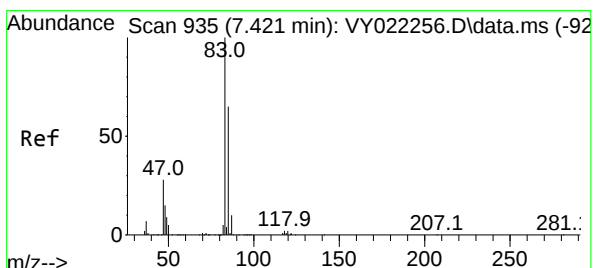
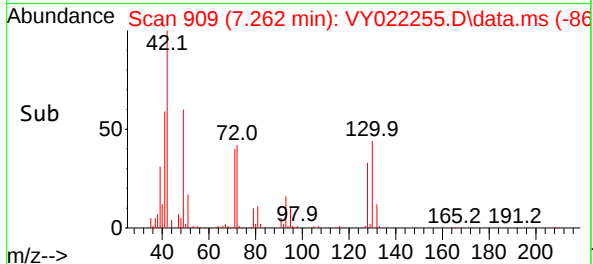
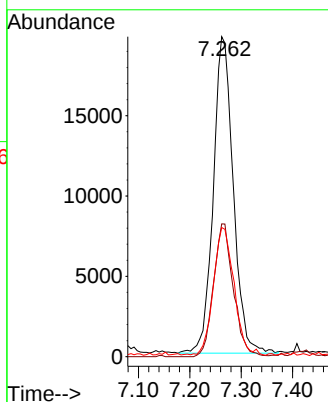
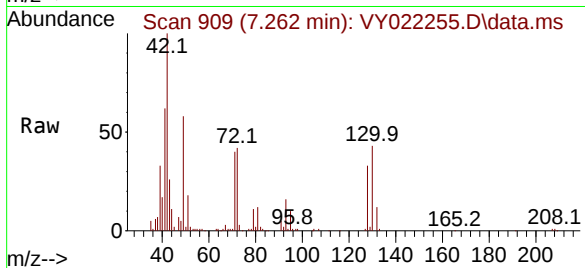
VSTDIC020

Tgt Ion:	42	Resp:	53229
Ion	Ratio	Lower	Upper
42	100		
72	41.6	33.8	50.6
71	41.5	31.5	47.3

Manual Integrations

APPROVED

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



#30

Chloroform

Concen: 20.107 ug/l

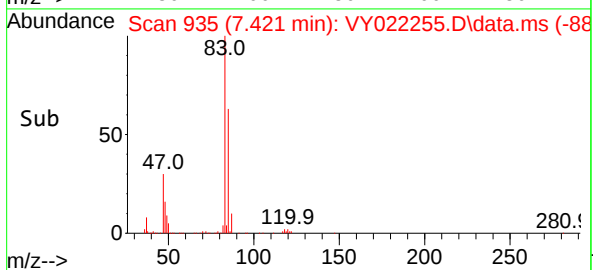
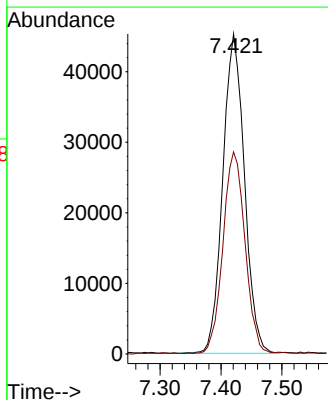
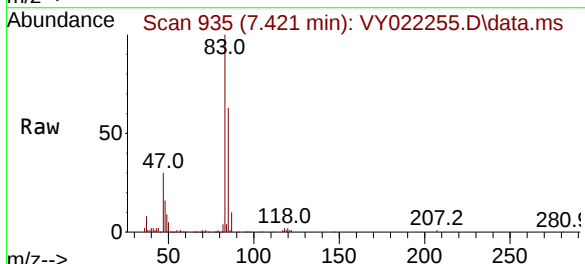
RT: 7.421 min Scan# 935

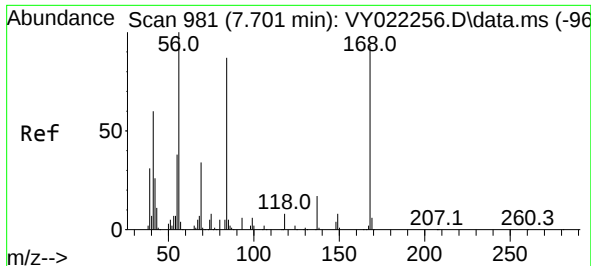
Delta R.T. 0.000 min

Lab File: VY022255.D

Acq: 15 May 2025 10:39

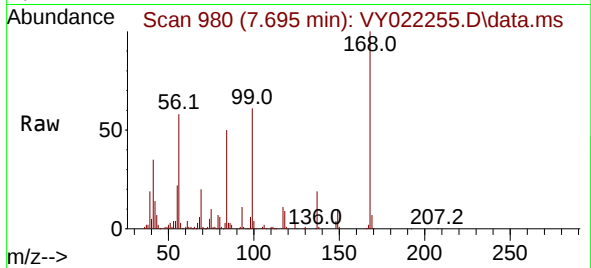
Tgt Ion:	83	Resp:	111815
Ion	Ratio	Lower	Upper
83	100		
85	63.1	51.8	77.8





#31
Cyclohexane
Concen: 19.486 ug/l
RT: 7.695 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39

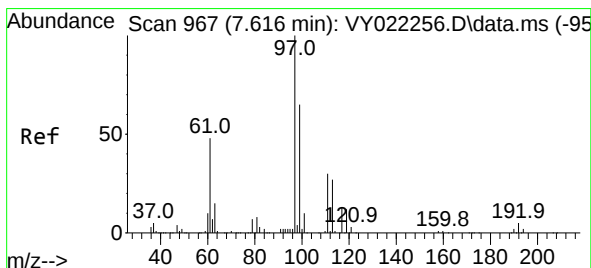
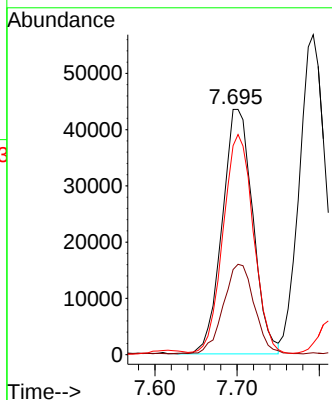
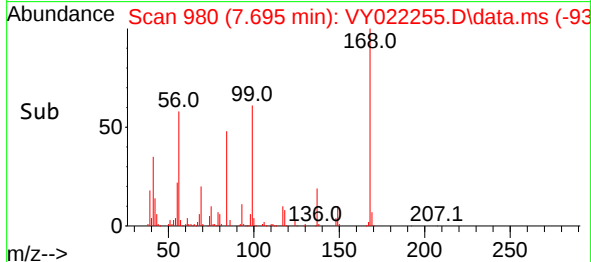
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



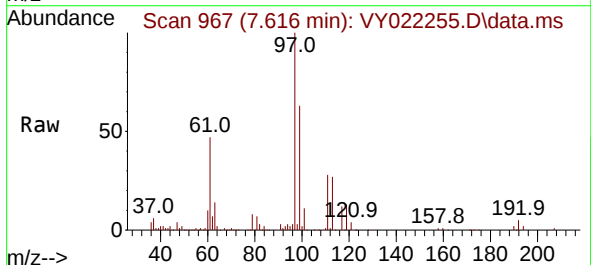
Tgt Ion: 56 Resp: 112870
Ion Ratio Lower Upper
56 100
69 34.2 27.4 41.2
84 84.0 70.0 105.0

Manual Integrations
APPROVED

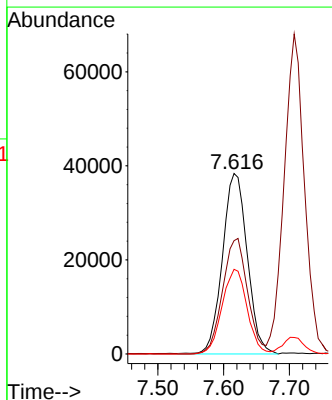
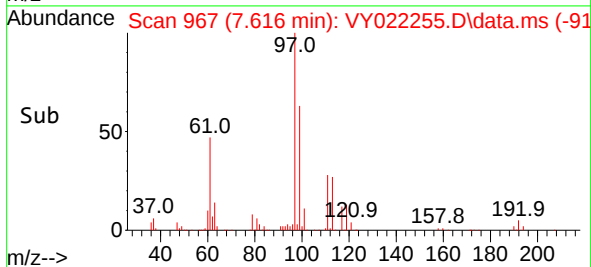
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

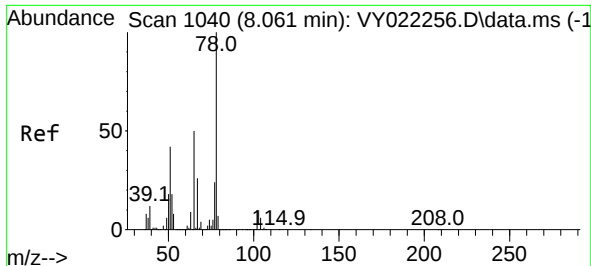


#32
1,1,1-Trichloroethane
Concen: 19.721 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39



Tgt Ion: 97 Resp: 100618
Ion Ratio Lower Upper
97 100
99 64.5 51.4 77.0
61 47.2 38.1 57.1





#33

1,2-Dichloroethane-d4

Concen: 19.284 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY022255.D

Acq: 15 May 2025 10:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 65 Resp: 5522

Ion Ratio Lower Upper

65 100

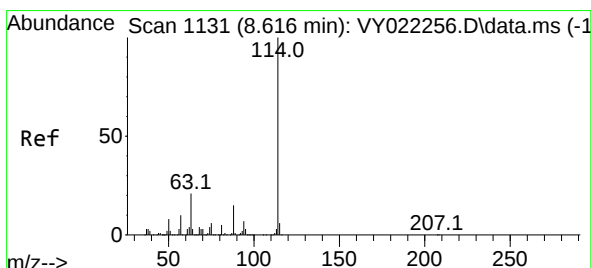
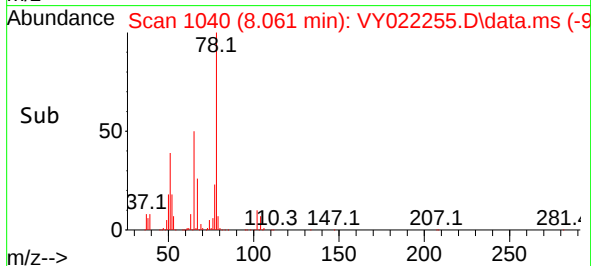
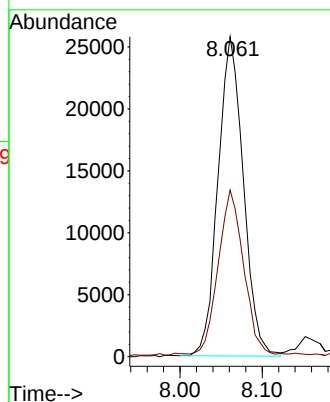
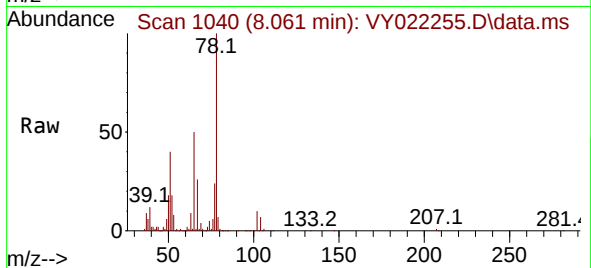
67 50.9 0.0 104.6

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: VY022255.D

Acq: 15 May 2025 10:39

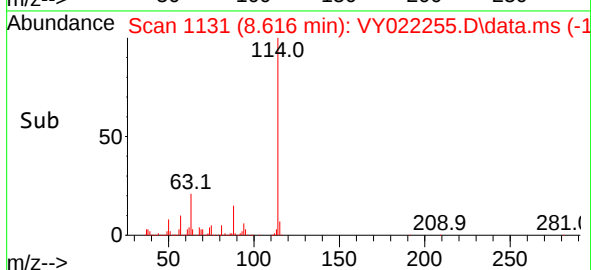
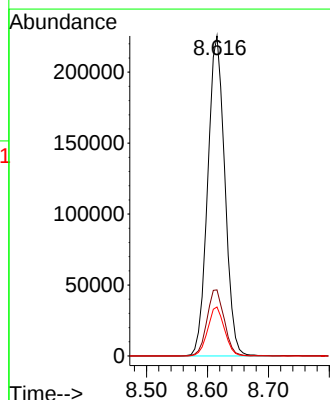
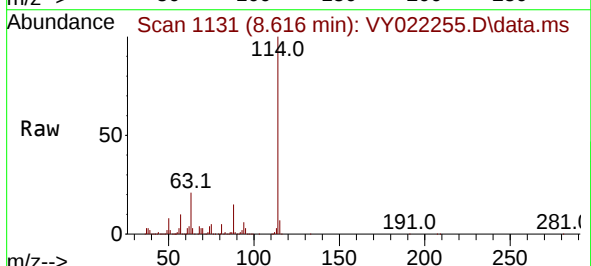
Tgt Ion:114 Resp: 439816

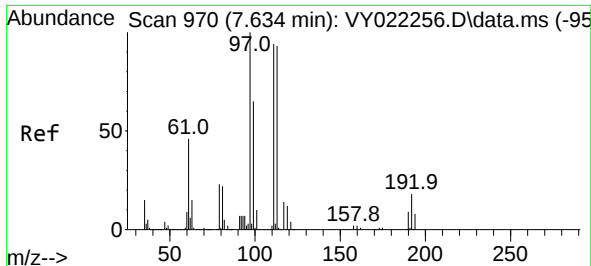
Ion Ratio Lower Upper

114 100

63 20.6 0.0 41.0

88 15.3 0.0 29.4





#35

Dibromofluoromethane

Concen: 19.683 ug/l

RT: 7.634 min Scan# 91

Delta R.T. 0.000 min

Lab File: VY022255.D

Acq: 15 May 2025 10:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion: 113 Resp: 51670

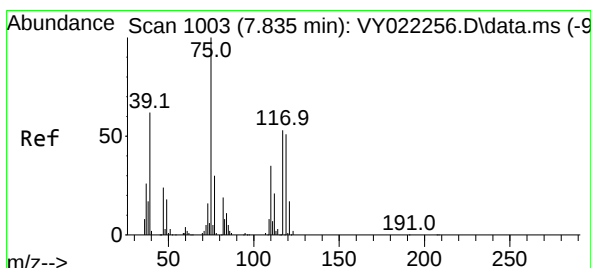
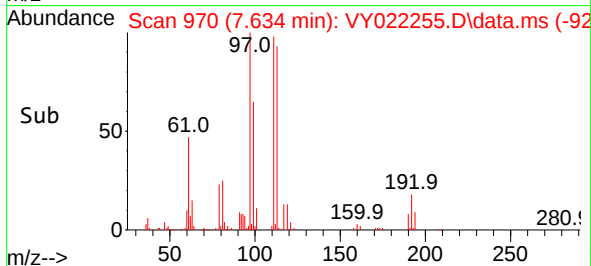
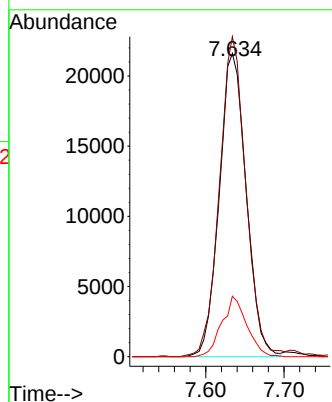
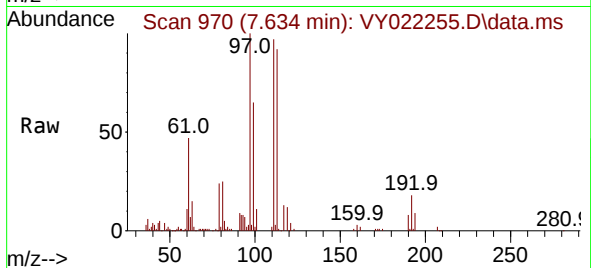
Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.6	123.8
192	18.5	15.2	22.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025

Supervised By :Semsettin Yesilyurt 05/16/2025



#36

1,1-Dichloropropene

Concen: 19.841 ug/l

RT: 7.835 min Scan# 1003

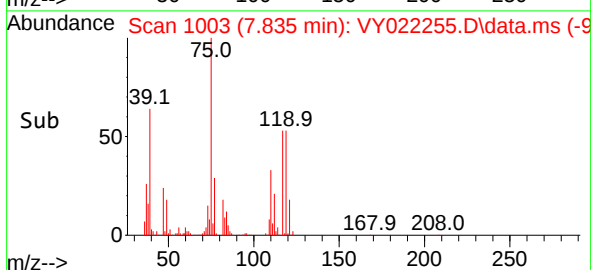
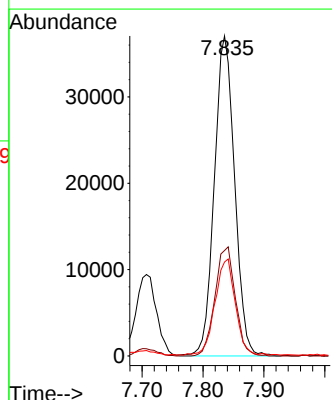
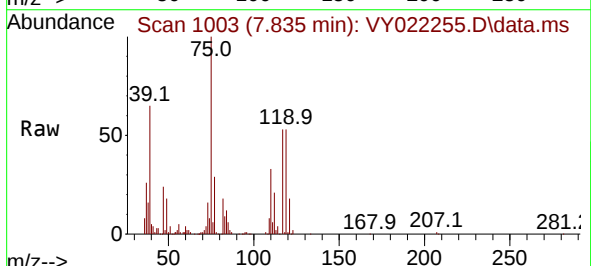
Delta R.T. 0.000 min

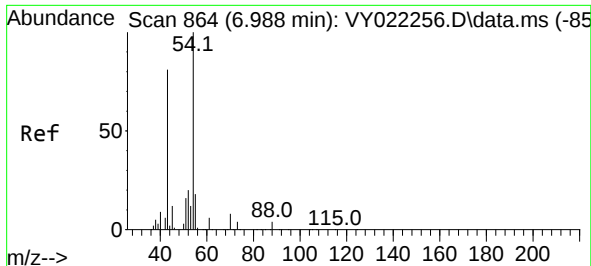
Lab File: VY022255.D

Acq: 15 May 2025 10:39

Tgt Ion: 75 Resp: 85789

Ion	Ratio	Lower	Upper
75	100		
110	34.2	16.6	49.8
77	30.2	24.6	37.0





#37

Ethyl Acetate

Concen: 18.497 ug/l

RT: 6.988 min Scan# 80

Delta R.T. 0.000 min

Lab File: VY022255.D

Acq: 15 May 2025 10:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 43 Resp: 3848

Ion Ratio Lower Upper

43 100

61 12.6 10.2 15.2

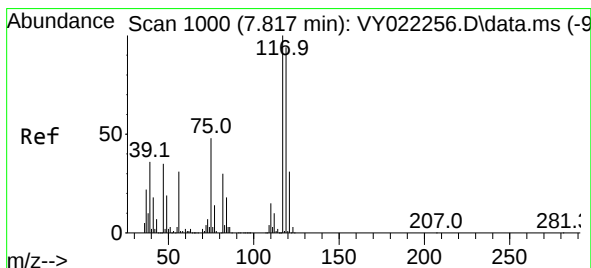
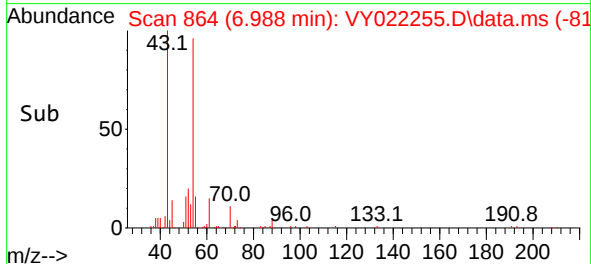
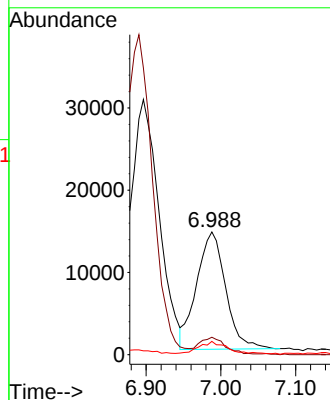
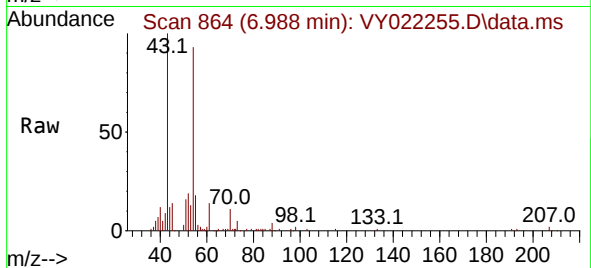
70 9.8 7.6 11.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025

Supervised By :Semsettin Yesilyurt 05/16/2025



#38

Carbon Tetrachloride

Concen: 19.410 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VY022255.D

Acq: 15 May 2025 10:39

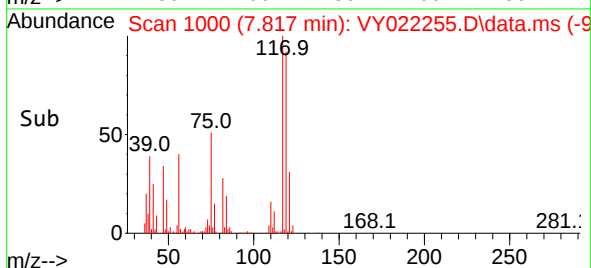
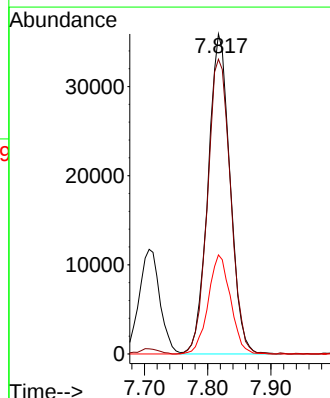
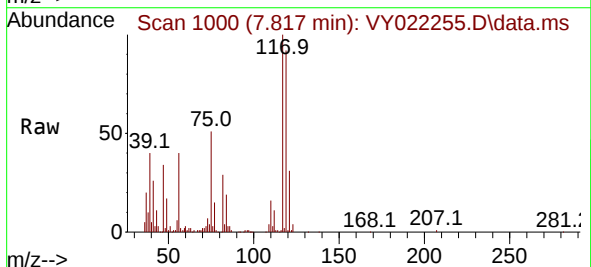
Tgt Ion:117 Resp: 86871

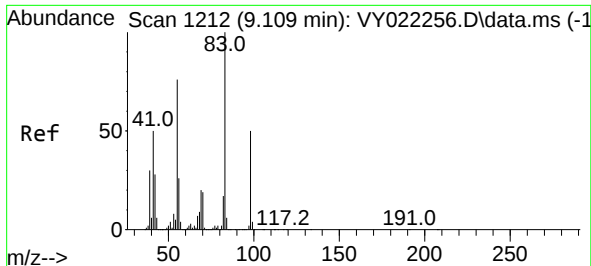
Ion Ratio Lower Upper

117 100

119 91.9 75.3 112.9

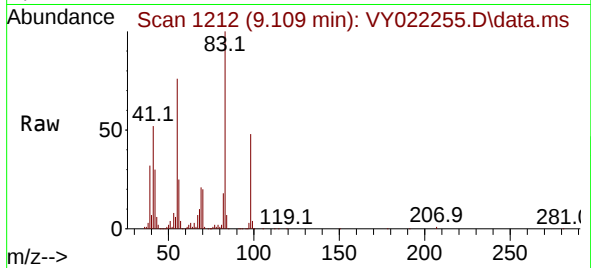
121 31.0 24.7 37.1





#39
Methylcyclohexane
Concen: 19.540 ug/l
RT: 9.109 min Scan# 11351
Delta R.T. 0.000 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39

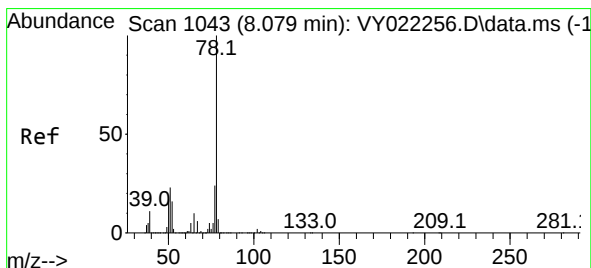
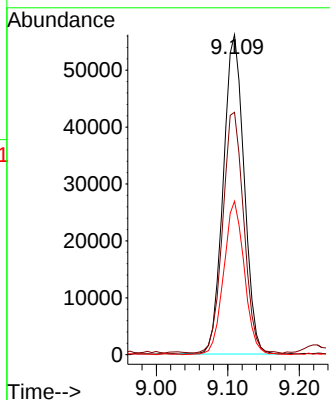
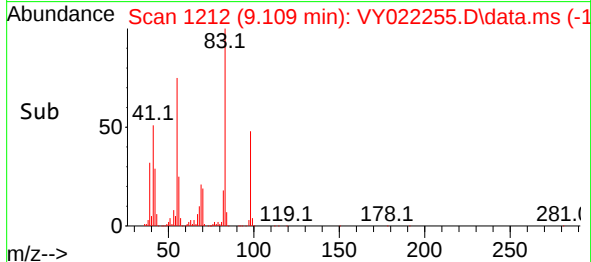
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



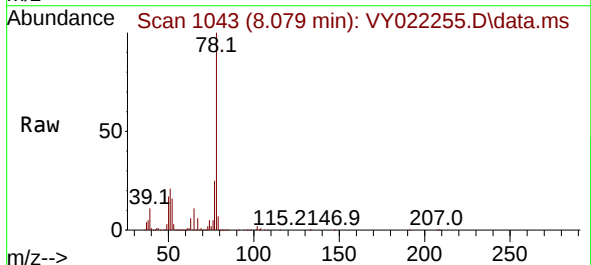
Tgt Ion: 83 Resp: 11351
Ion Ratio Lower Upper
83 100
55 75.2 60.6 90.8
98 47.9 40.0 60.0

Manual Integrations
APPROVED

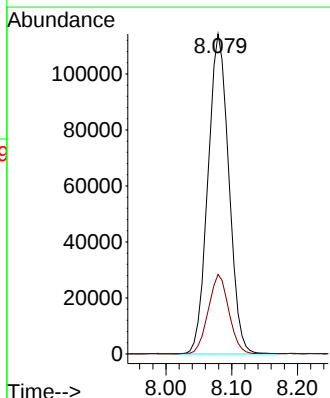
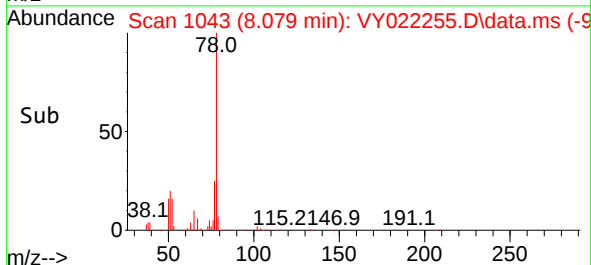
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

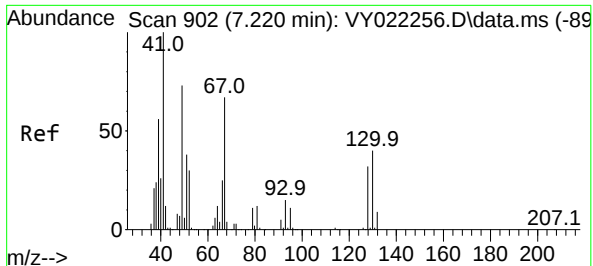


#40
Benzene
Concen: 19.700 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39



Tgt Ion: 78 Resp: 252507
Ion Ratio Lower Upper
78 100
77 24.8 18.9 28.3





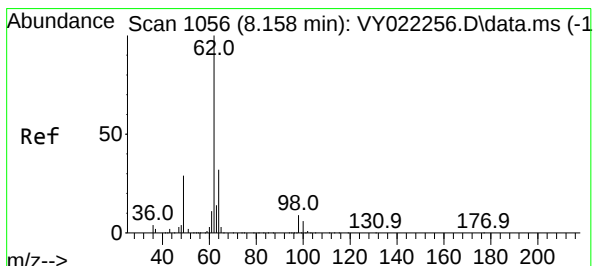
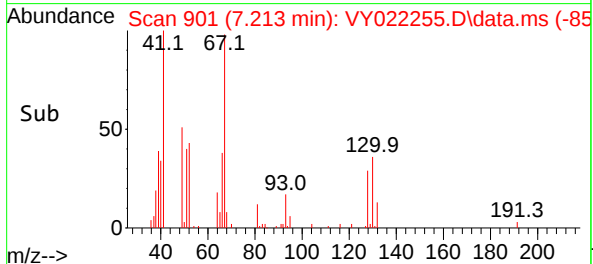
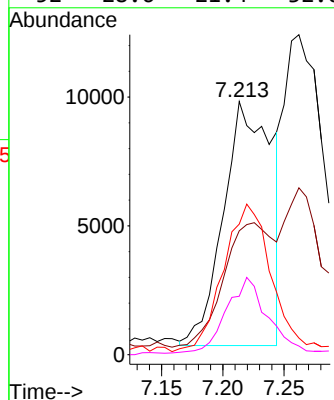
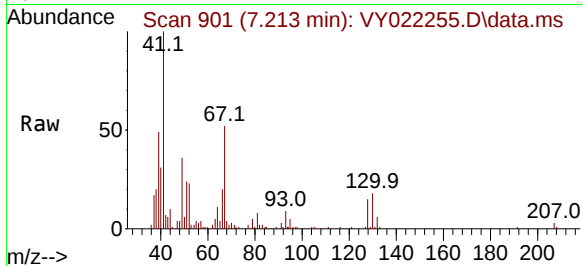
#41
Methacrylonitrile
Concen: 17.085 ug/l m
RT: 7.213 min Scan# 902
Delta R.T. -0.006 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 41 Resp: 26008
Ion Ratio Lower Upper
41 100
39 53.1 39.1 58.7
67 60.9 47.1 70.7
52 28.6 21.4 32.0

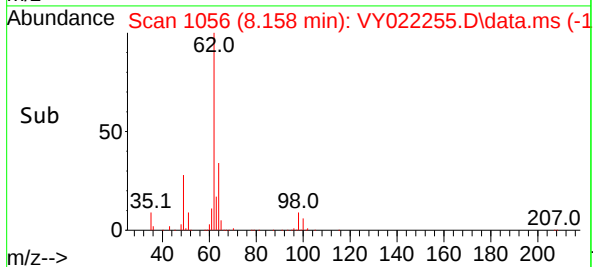
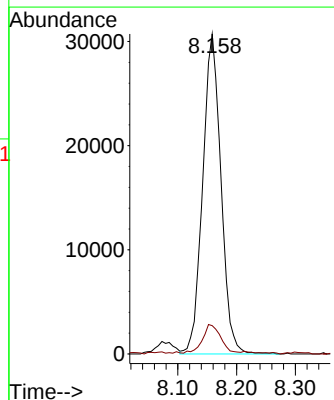
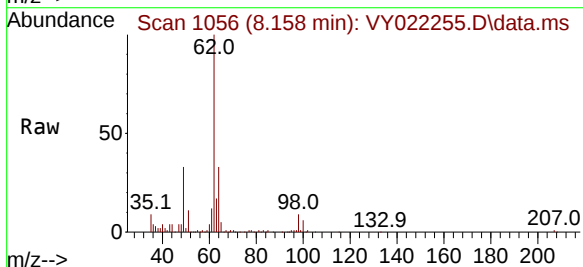
Manual Integrations
APPROVED

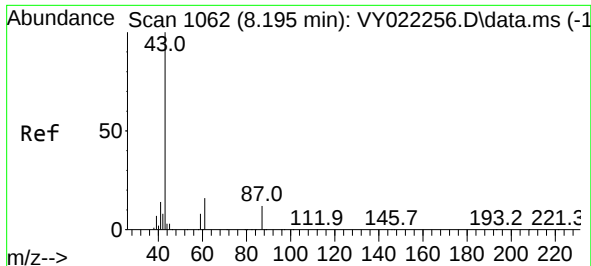
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#42
1,2-Dichloroethane
Concen: 19.192 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39

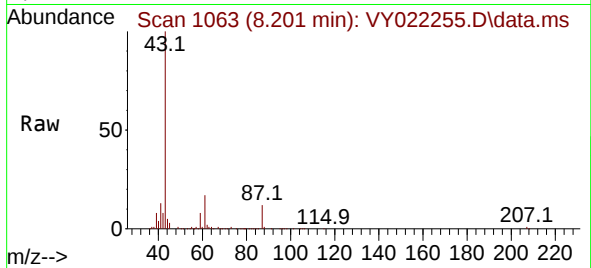
Tgt Ion: 62 Resp: 66525
Ion Ratio Lower Upper
62 100
98 8.8 0.0 18.4





#43
Isopropyl Acetate
Concen: 18.631 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39

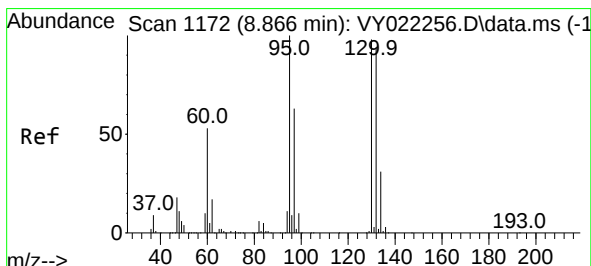
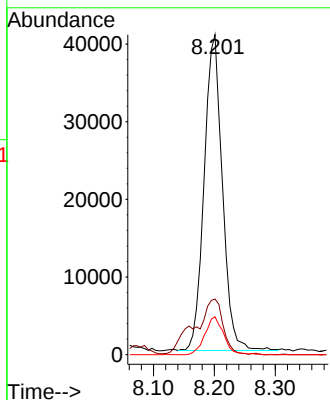
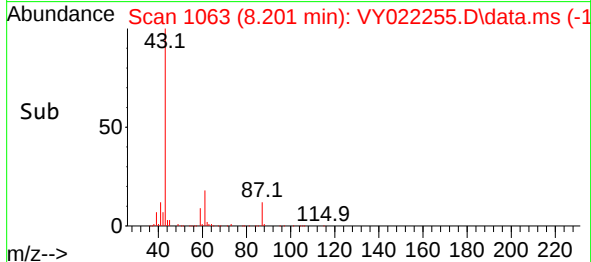
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion: 43 Resp: 8453
Ion Ratio Lower Upper
43 100
61 17.1 15.1 22.7
87 12.3 9.7 14.5

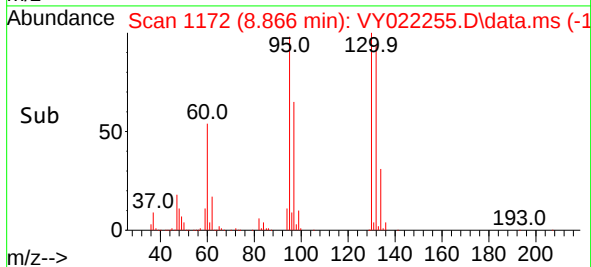
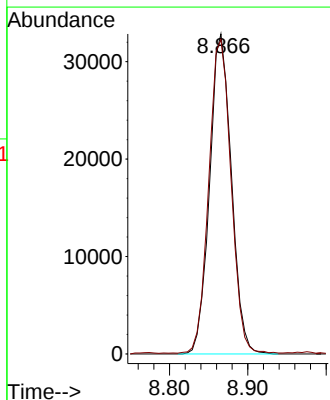
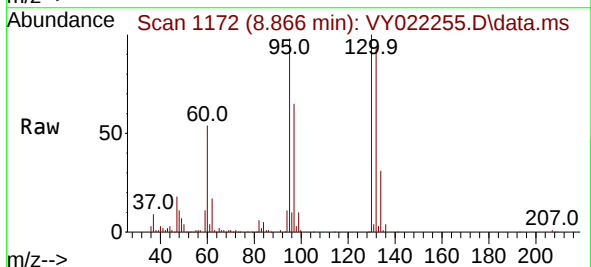
Manual Integrations
APPROVED

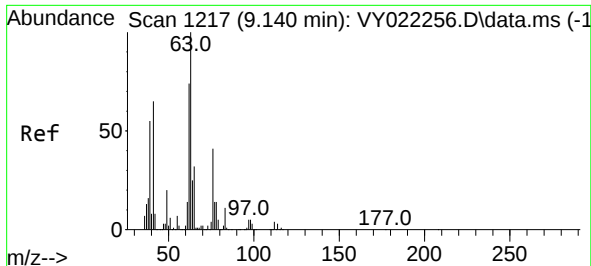
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#44
Trichloroethene
Concen: 19.904 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39

Tgt Ion:130 Resp: 63438
Ion Ratio Lower Upper
130 100
95 98.0 0.0 204.8





#45

1,2-Dichloropropane

Concen: 19.557 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY022255.D

Acq: 15 May 2025 10:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 63 Resp: 60438

Ion Ratio Lower Upper

63 100

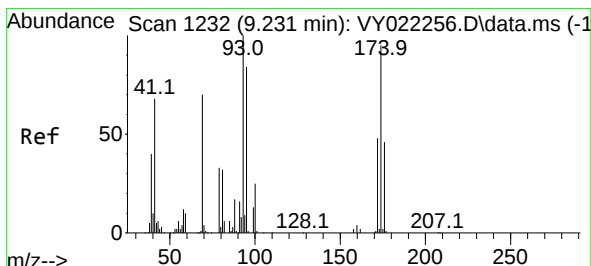
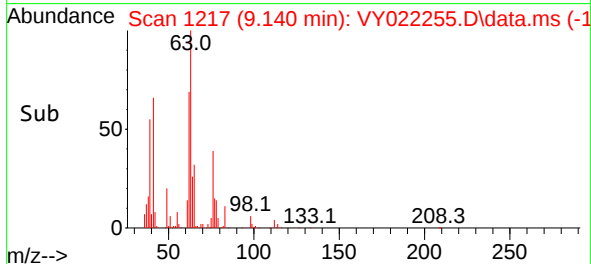
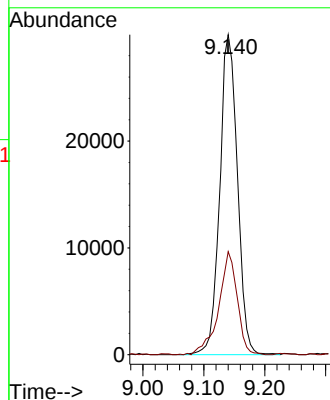
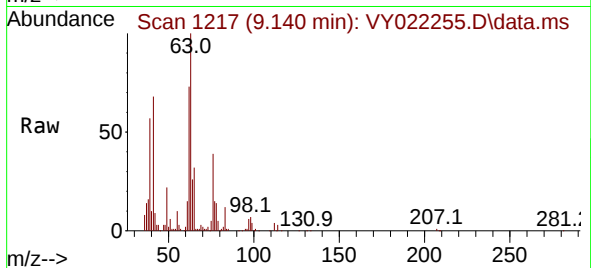
65 32.1 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025

Supervised By :Semsettin Yesilyurt 05/16/2025



#46

Dibromomethane

Concen: 19.050 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY022255.D

Acq: 15 May 2025 10:39

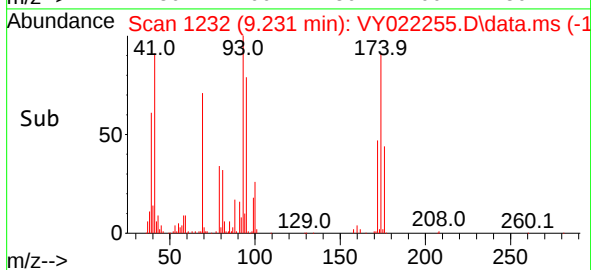
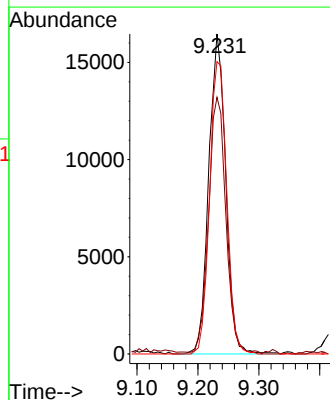
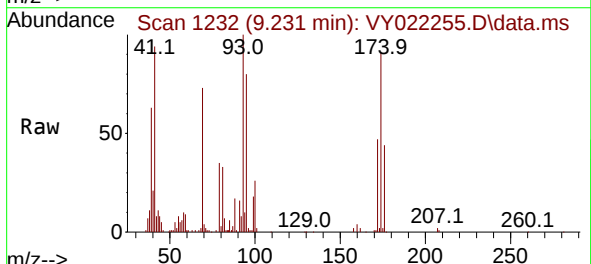
Tgt Ion: 93 Resp: 31752

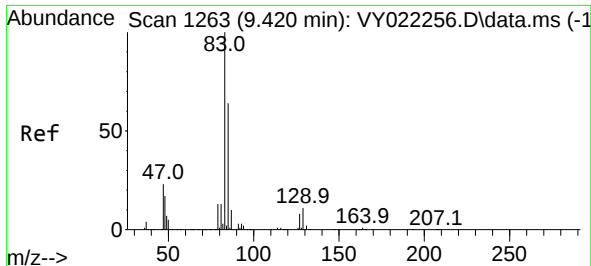
Ion Ratio Lower Upper

93 100

95 82.8 65.2 97.8

174 92.4 74.3 111.5





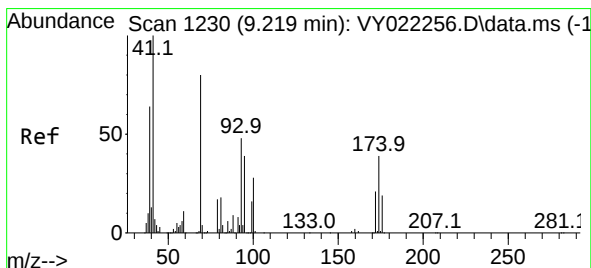
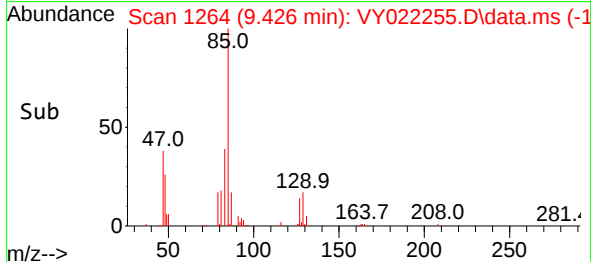
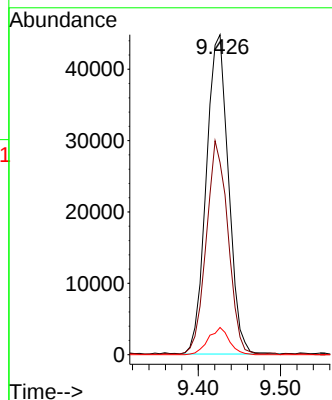
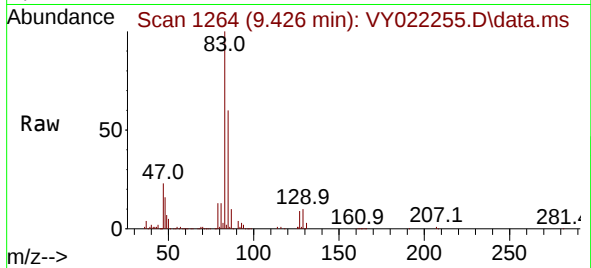
#47
Bromodichloromethane
Concen: 19.385 ug/l
RT: 9.426 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 83 Resp: 8382
Ion Ratio Lower Upper
83 100
85 60.2 51.1 76.7
127 8.5 6.6 10.0

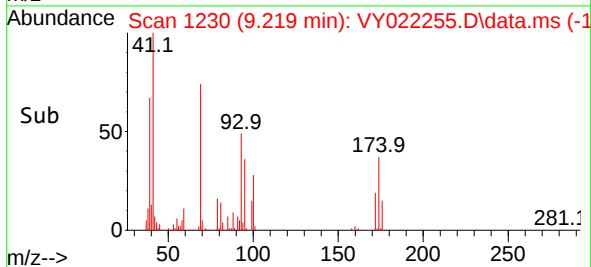
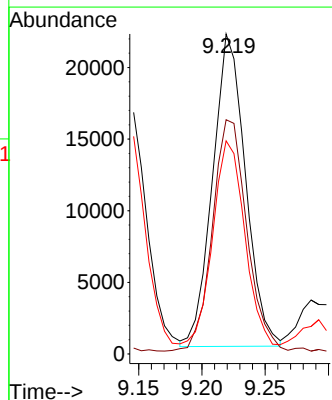
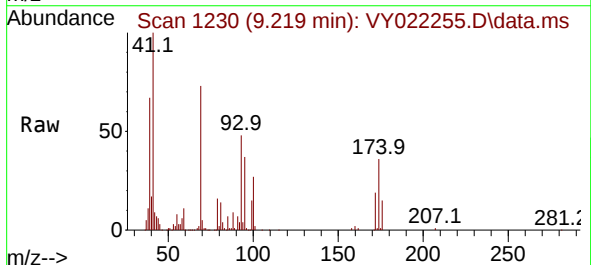
Manual Integrations
APPROVED

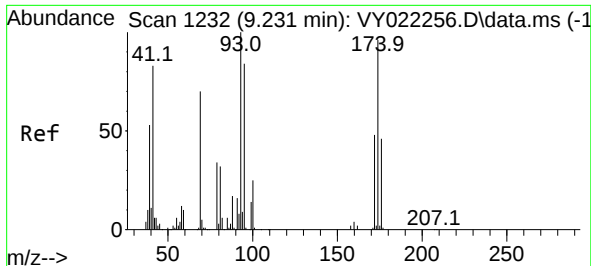
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#48
Methyl methacrylate
Concen: 18.563 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39

Tgt Ion: 41 Resp: 39387
Ion Ratio Lower Upper
41 100
69 77.5 63.5 95.3
39 63.4 50.8 76.2





#49

1,4-Dioxane

Concen: 388.323 ug/l

RT: 9.237 min Scan# 1232

Delta R.T. 0.006 min

Lab File: VY022255.D

Acq: 15 May 2025 10:39

Instrument :

MSVOA_Y

ClientSampleId :

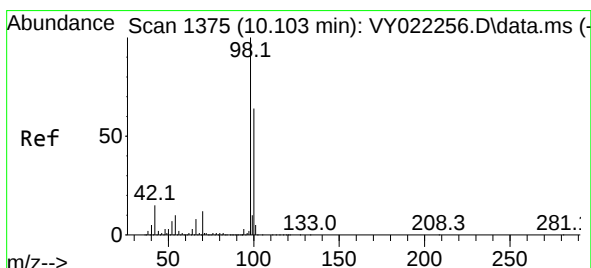
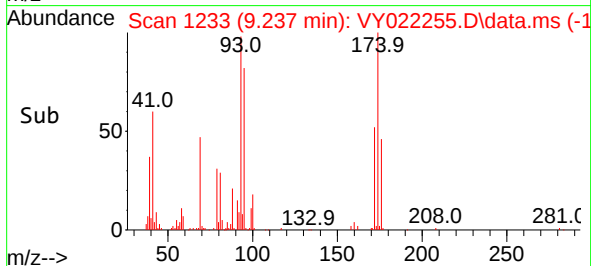
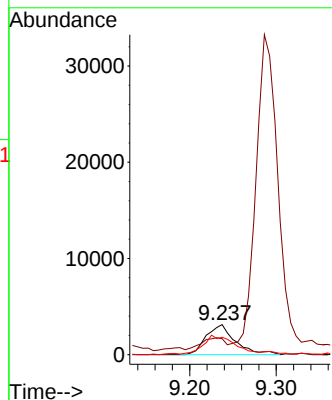
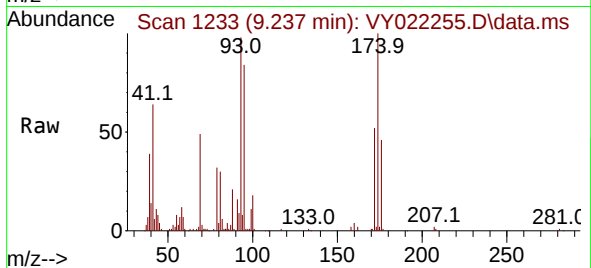
VSTDICC020

Tgt Ion:	88	Resp:	731
Ion	Ratio	Lower	Upper
88	100		
43	31.6	28.5	42.7
58	71.1	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: 19.552 ug/l

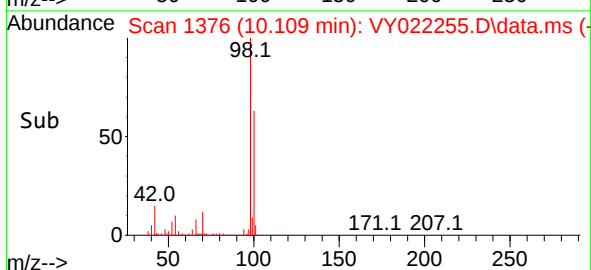
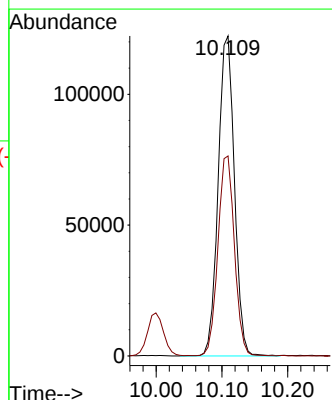
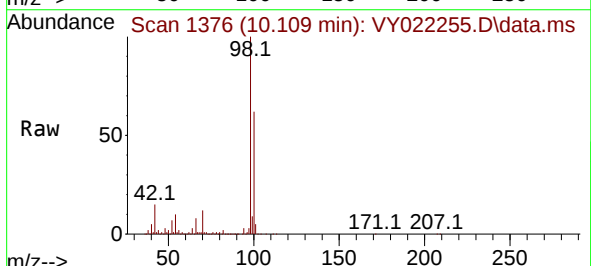
RT: 10.109 min Scan# 1376

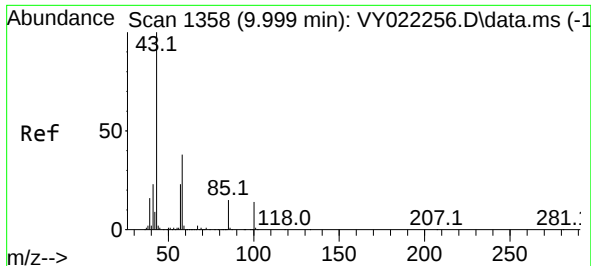
Delta R.T. 0.006 min

Lab File: VY022255.D

Acq: 15 May 2025 10:39

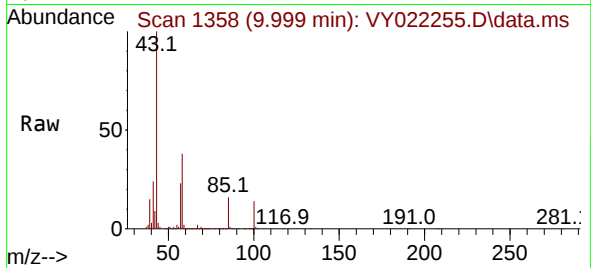
Tgt Ion:	98	Resp:	210206
Ion	Ratio	Lower	Upper
98	100		
100	63.4	51.8	77.8





#51
4-Methyl-2-Pentanone
Concen: 90.940 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39

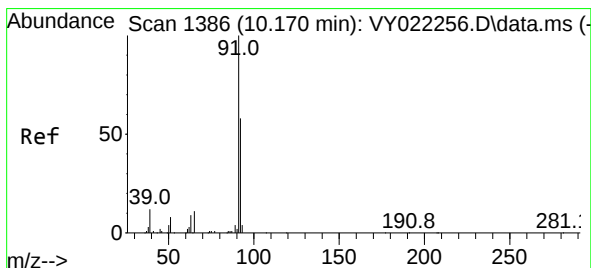
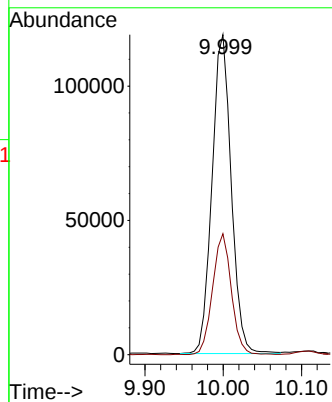
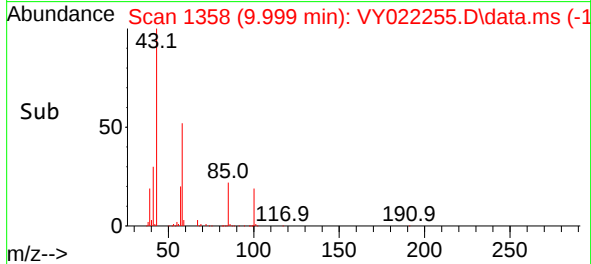
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion: 43 Resp: 202454
Ion Ratio Lower Upper
43 100
58 37.2 29.4 44.2

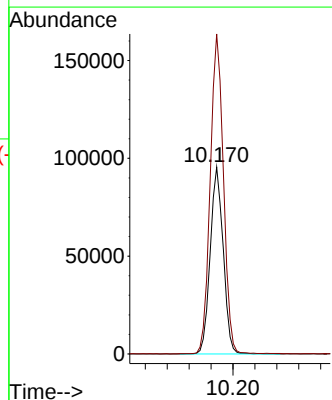
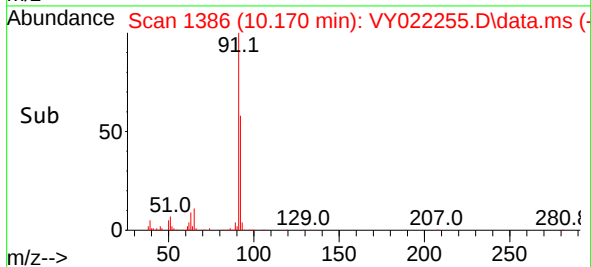
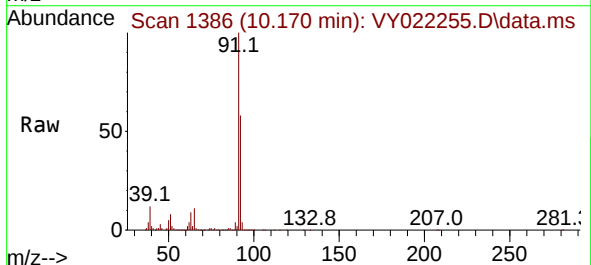
Manual Integrations
APPROVED

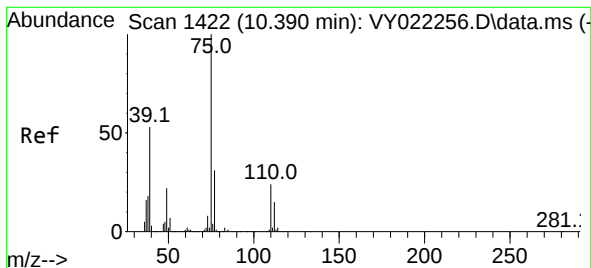
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#52
Toluene
Concen: 19.281 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39

Tgt Ion: 92 Resp: 156498
Ion Ratio Lower Upper
92 100
91 173.5 139.1 208.7





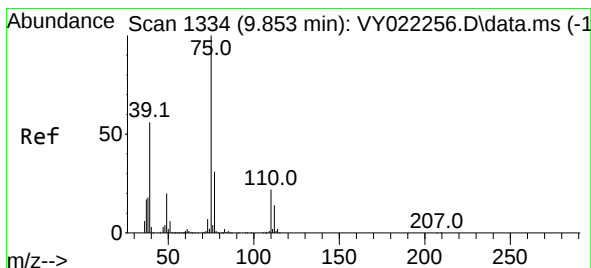
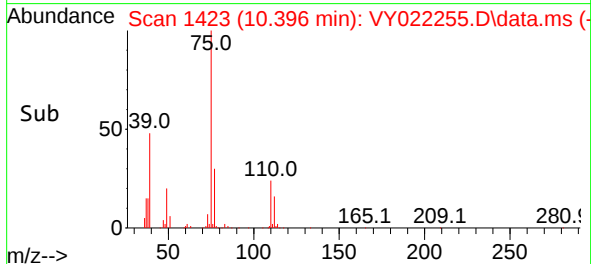
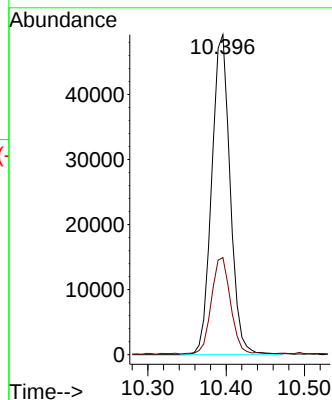
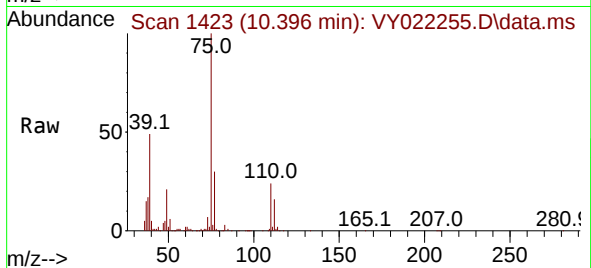
#53
 t-1,3-Dichloropropene
 Concen: 19.056 ug/l
 RT: 10.396 min Scan# 1422
 Delta R.T. 0.006 min
 Lab File: VY022255.D
 Acq: 15 May 2025 10:39

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Tgt Ion: 75 Resp: 8041
 Ion Ratio Lower Upper
 75 100
 77 30.1 25.0 37.6

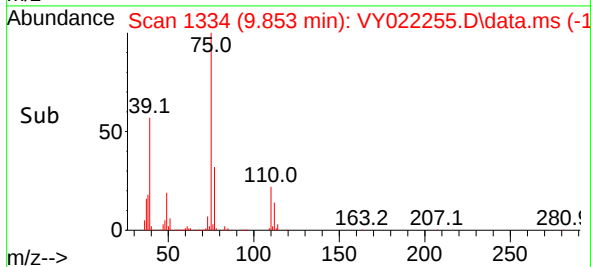
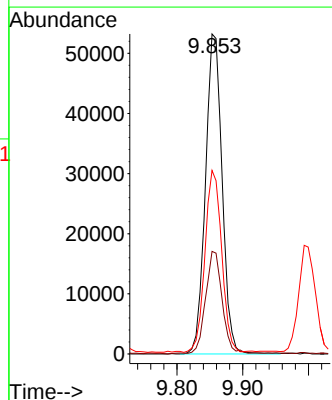
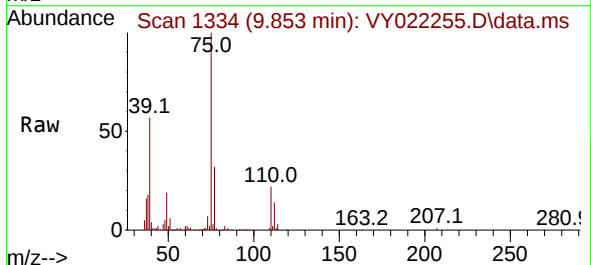
Manual Integrations
 APPROVED

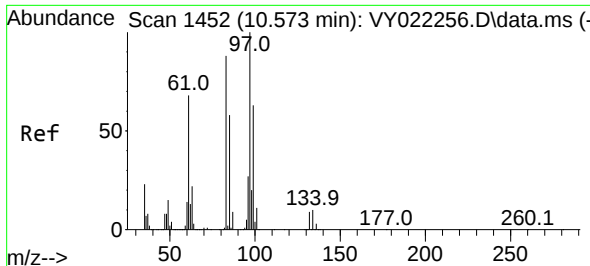
Reviewed By :Mahesh Dadoda 05/16/2025
 Supervised By :Semsettin Yesilyurt 05/16/2025



#54
 cis-1,3-Dichloropropene
 Concen: 19.458 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. 0.000 min
 Lab File: VY022255.D
 Acq: 15 May 2025 10:39

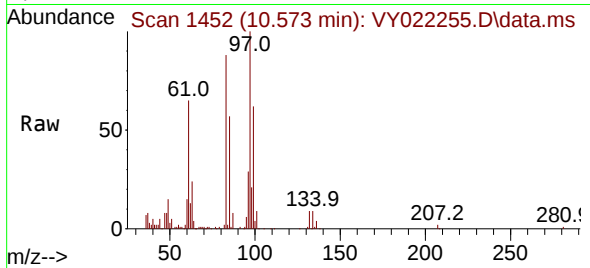
Tgt Ion: 75 Resp: 94074
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.1 37.7
 39 56.6 44.5 66.7





#55
1,1,2-Trichloroethane
Concen: 19.149 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39

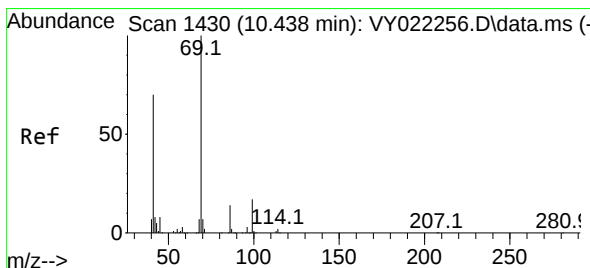
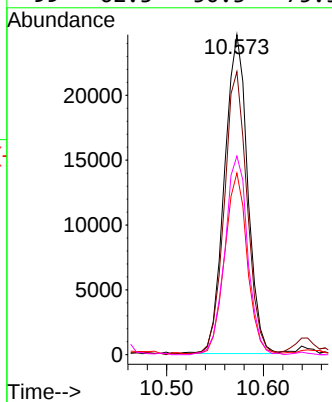
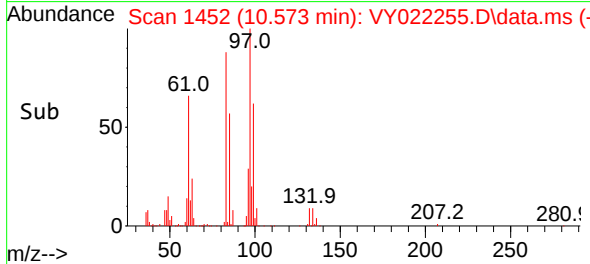
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



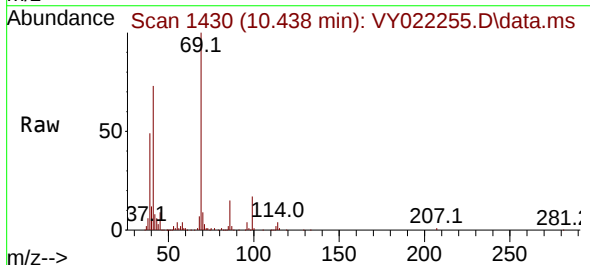
Tgt Ion: 97 Resp: 40872
Ion Ratio Lower Upper
97 100
83 88.4 70.3 105.5
85 56.5 46.2 69.4
99 62.3 50.3 75.5

Manual Integrations
APPROVED

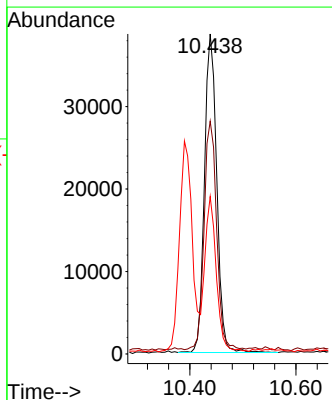
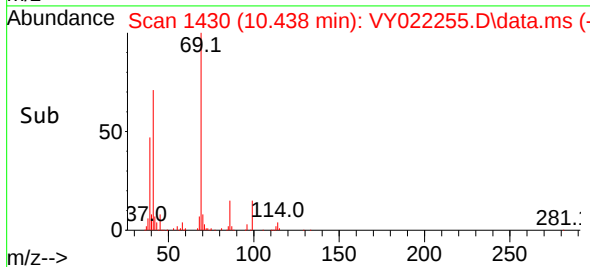
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

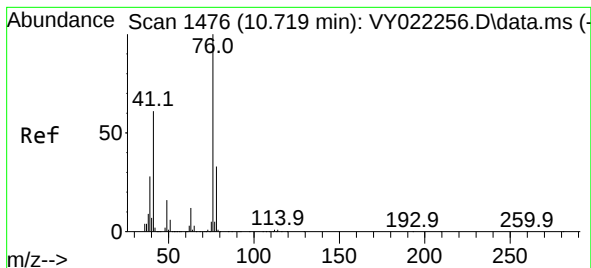


#56
Ethyl methacrylate
Concen: 18.706 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39



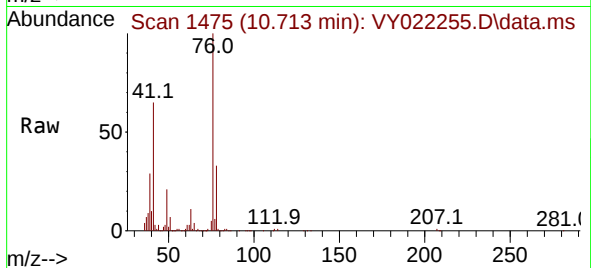
Tgt Ion: 69 Resp: 62193
Ion Ratio Lower Upper
69 100
41 73.0 56.5 84.7
39 44.2 37.1 55.7





#57
1,3-Dichloropropane
Concen: 19.175 ug/l
RT: 10.713 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39

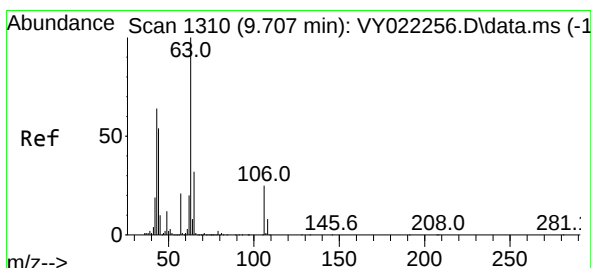
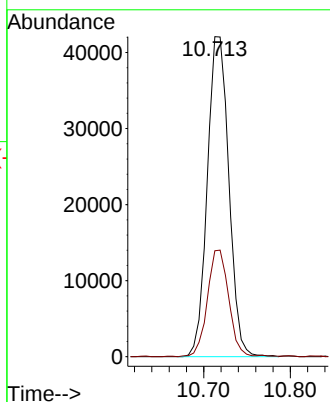
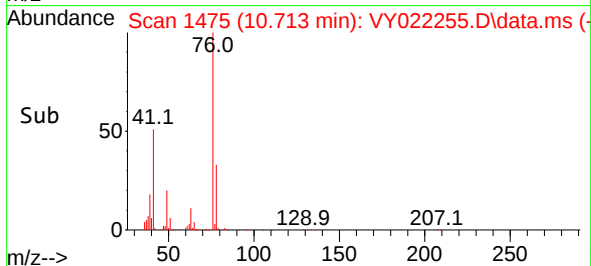
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



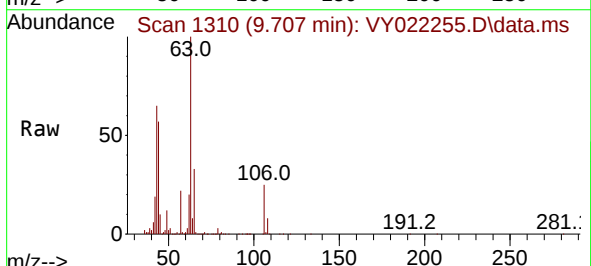
Tgt Ion: 76 Resp: 72715
Ion Ratio Lower Upper
76 100
78 33.1 25.8 38.8

Manual Integrations
APPROVED

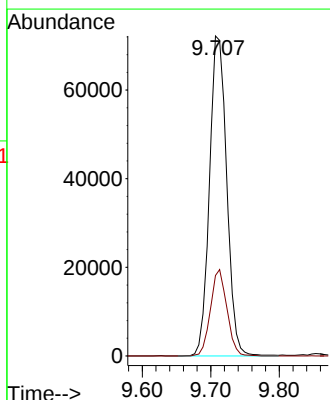
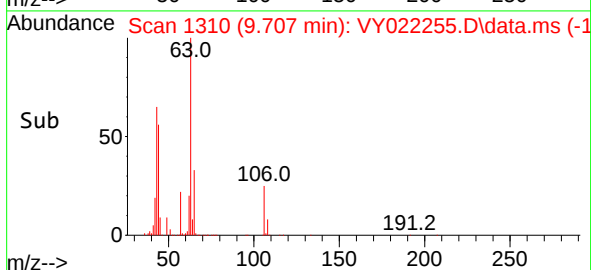
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

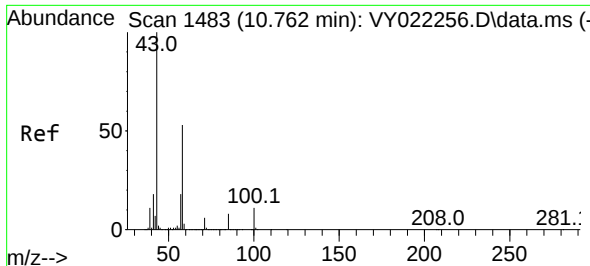


#58
2-Chloroethyl Vinyl ether
Concen: 84.595 ug/l
RT: 9.707 min Scan# 1310
Delta R.T. 0.000 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39



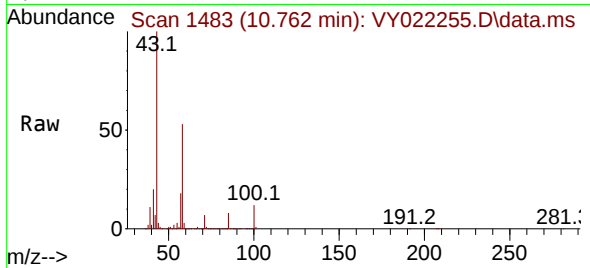
Tgt Ion: 63 Resp: 126240
Ion Ratio Lower Upper
63 100
106 25.7 21.0 31.4





#59
2-Hexanone
Concen: 88.766 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39

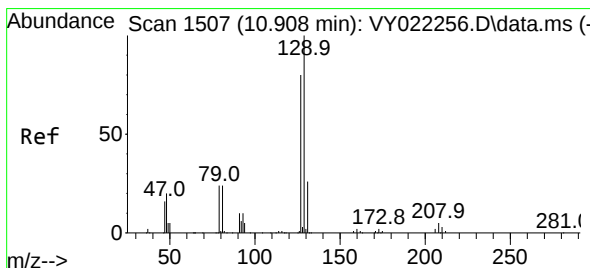
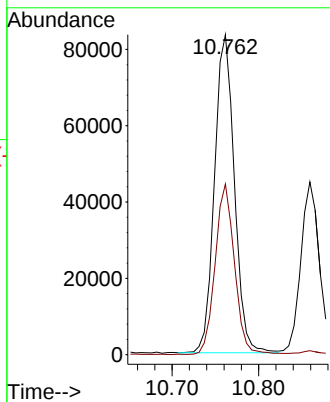
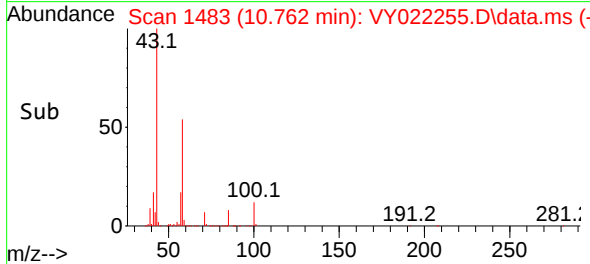
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion: 43 Resp: 132490
Ion Ratio Lower Upper
43 100
58 52.4 26.1 78.3

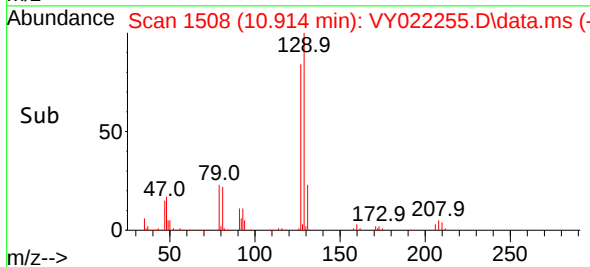
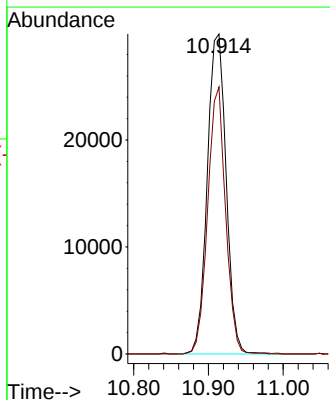
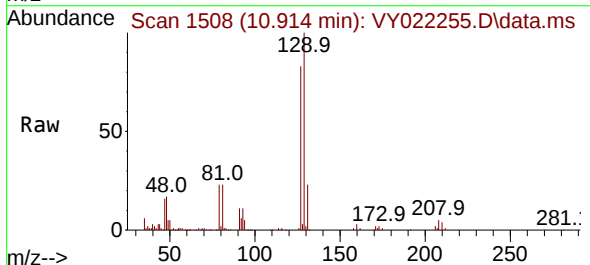
Manual Integrations
APPROVED

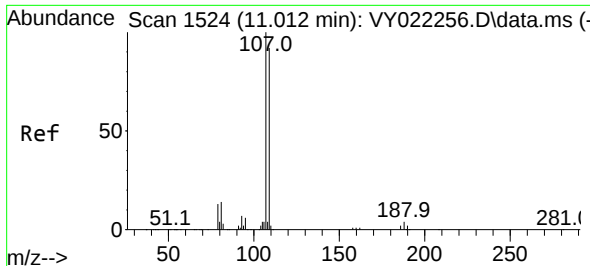
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#60
Dibromochloromethane
Concen: 18.898 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39

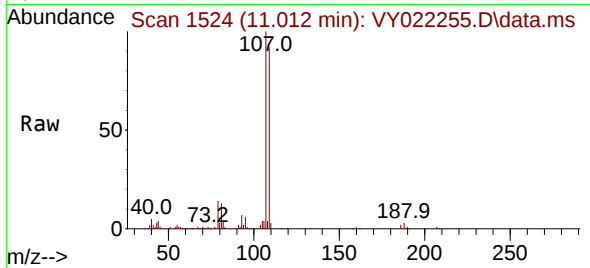
Tgt Ion:129 Resp: 52353
Ion Ratio Lower Upper
129 100
127 79.1 38.6 115.7





#61
1,2-Dibromoethane
Concen: 18.969 ug/l
RT: 11.012 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39

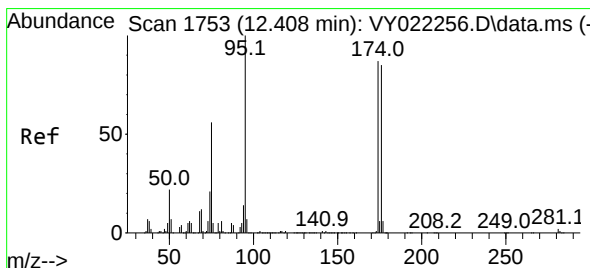
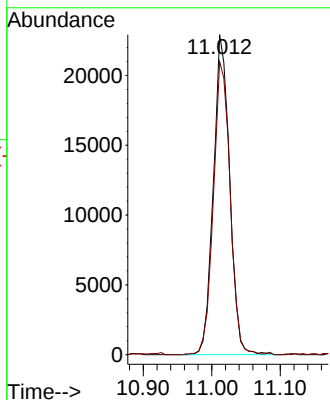
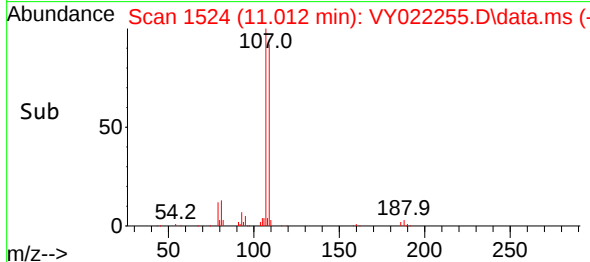
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



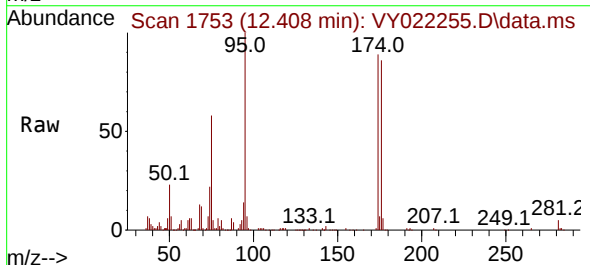
Tgt Ion:107 Resp: 37735
Ion Ratio Lower Upper
107 100
109 94.1 74.6 111.8

Manual Integrations
APPROVED

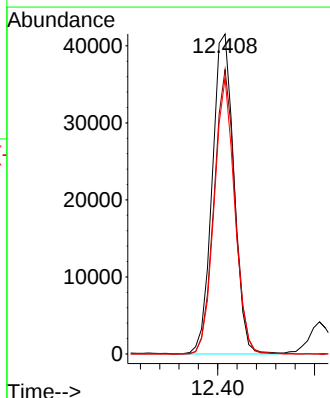
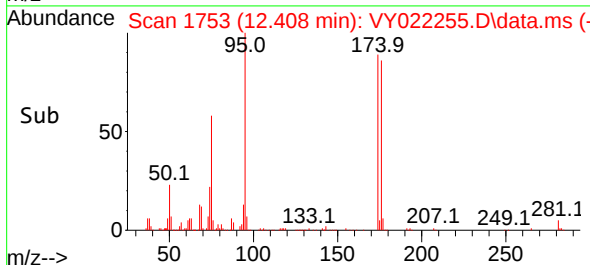
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

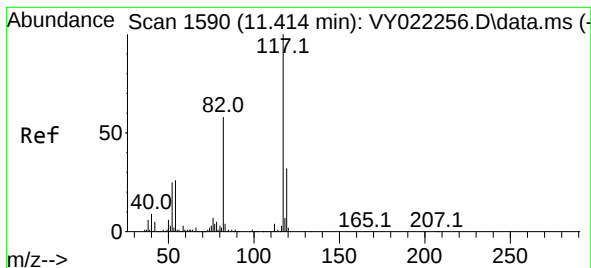


#62
4-Bromofluorobenzene
Concen: 18.988 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39



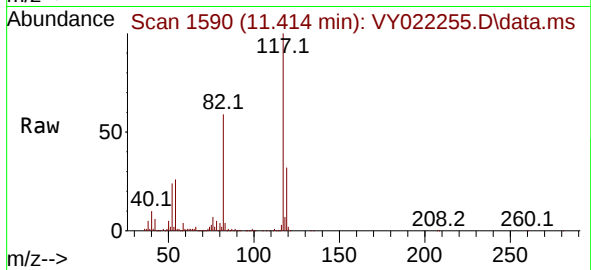
Tgt Ion: 95 Resp: 64706
Ion Ratio Lower Upper
95 100
174 85.7 0.0 166.8
176 81.3 0.0 160.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39

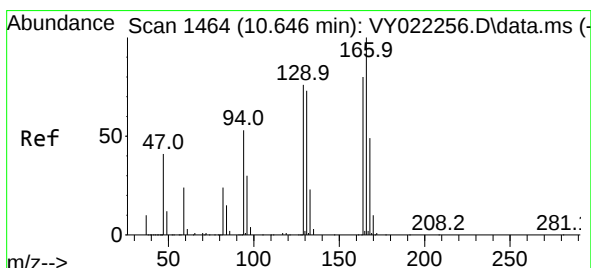
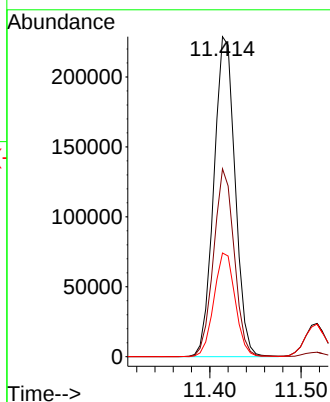
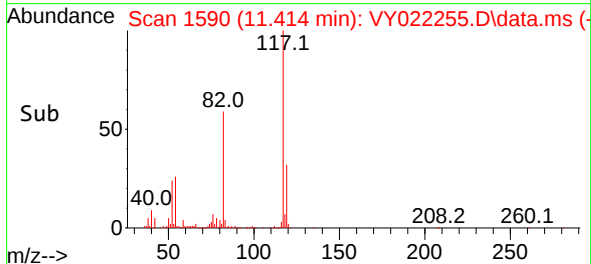
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



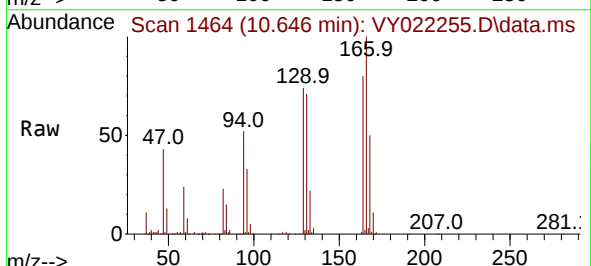
Tgt Ion:117 Resp: 370072
Ion Ratio Lower Upper
117 100
82 58.7 46.6 70.0
119 32.4 25.8 38.6

Manual Integrations
APPROVED

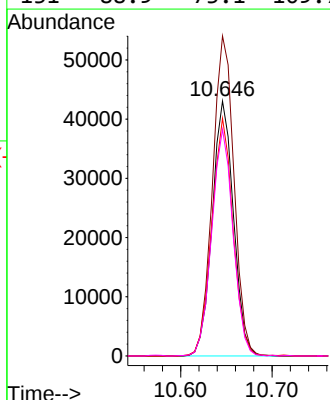
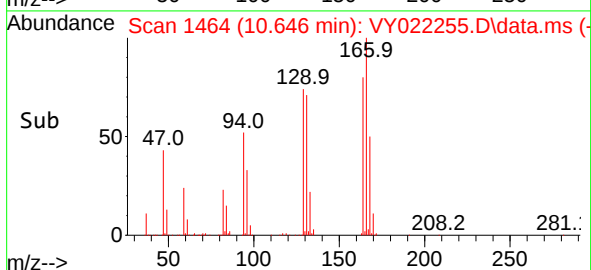
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

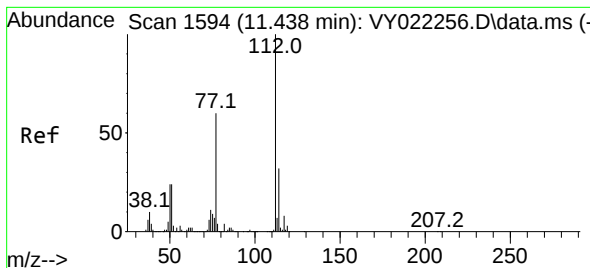


#64
Tetrachloroethene
Concen: 20.332 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39



Tgt Ion:164 Resp: 69548
Ion Ratio Lower Upper
164 100
166 125.6 100.4 150.6
129 93.2 76.4 114.6
131 88.9 73.1 109.7





#65

Chlorobenzene

Concen: 19.610 ug/l

RT: 11.438 min Scan# 1594

Delta R.T. 0.000 min

Lab File: VY022255.D

Acq: 15 May 2025 10:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion:112 Resp: 16372

Ion Ratio Lower Upper

112 100

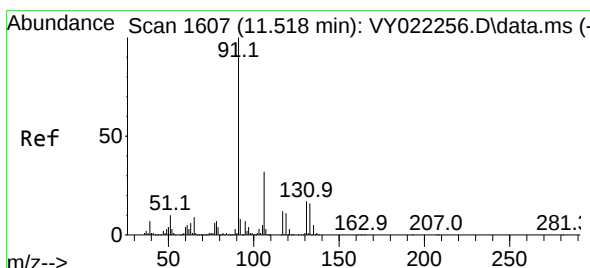
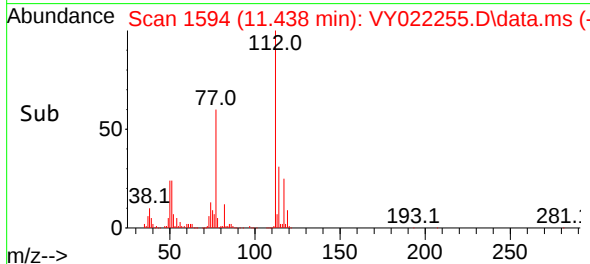
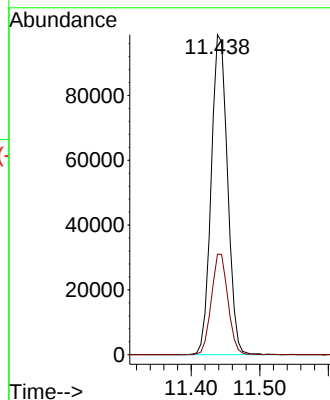
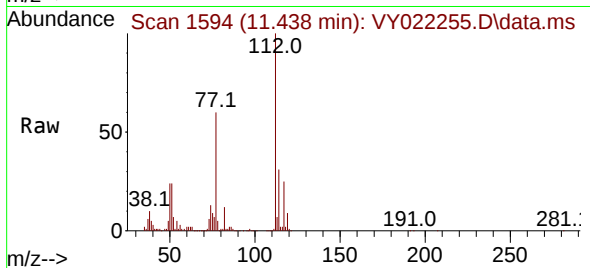
114 31.4 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025

Supervised By :Semsettin Yesilyurt 05/16/2025



#66

1,1,1,2-Tetrachloroethane

Concen: 19.189 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY022255.D

Acq: 15 May 2025 10:39

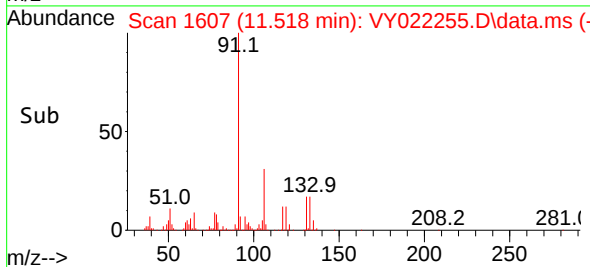
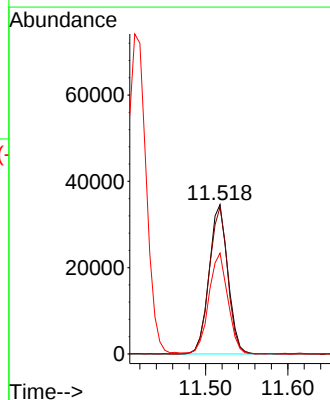
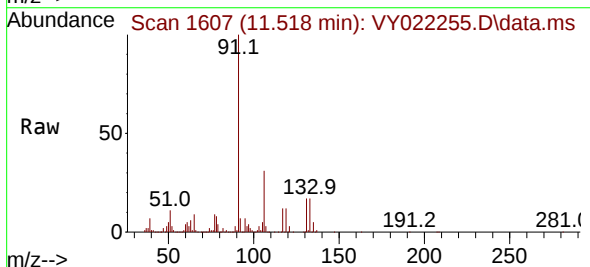
Tgt Ion:131 Resp: 55078

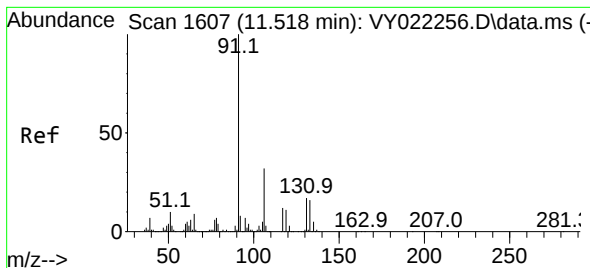
Ion Ratio Lower Upper

131 100

133 96.5 47.3 141.9

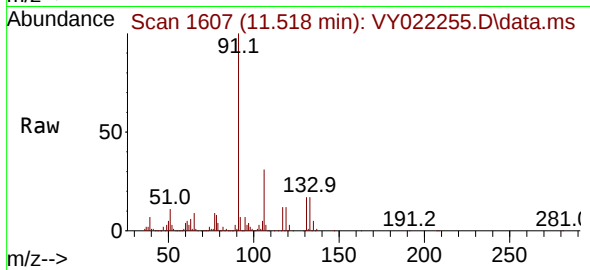
119 68.4 33.1 99.2





#67
Ethyl Benzene
Concen: 19.402 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39

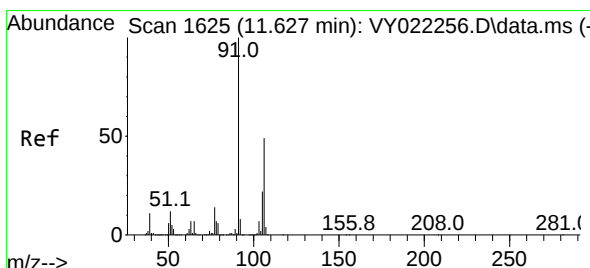
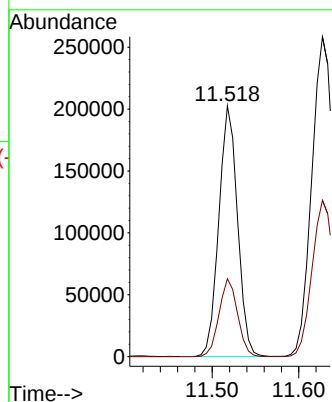
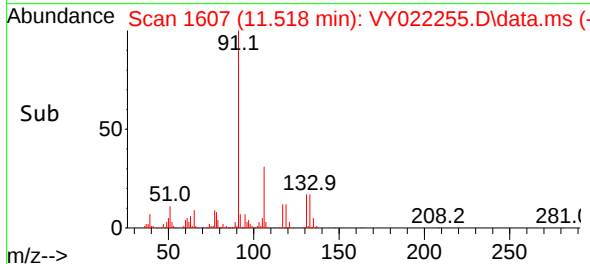
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



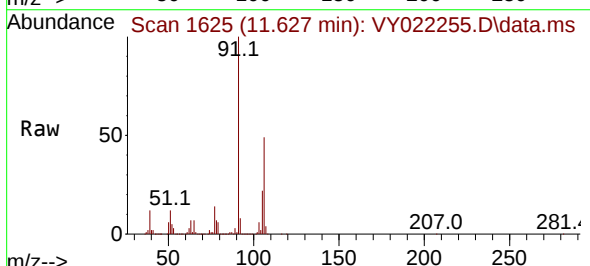
Tgt Ion: 91 Resp: 303379
Ion Ratio Lower Upper
91 100
106 31.1 25.4 38.0

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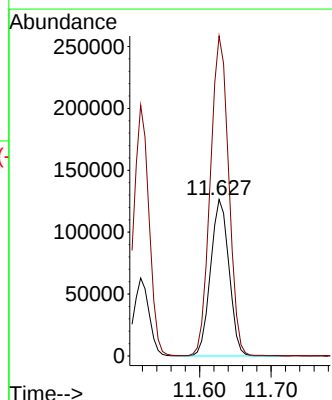
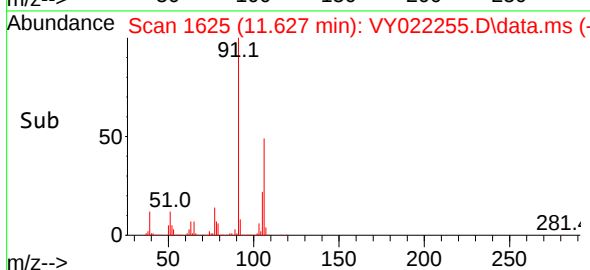
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

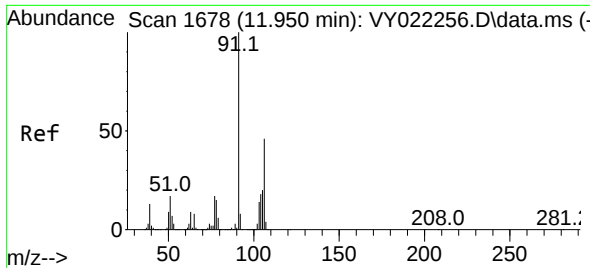


#68
m/p-Xylenes
Concen: 38.355 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.000 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39



Tgt Ion:106 Resp: 225990
Ion Ratio Lower Upper
106 100
91 204.2 163.0 244.4





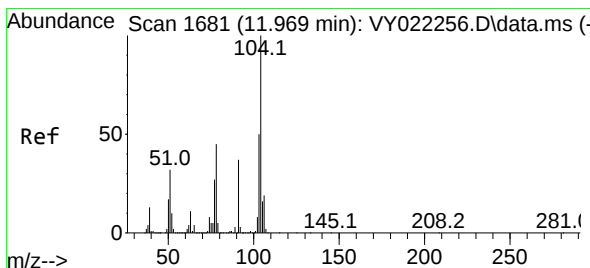
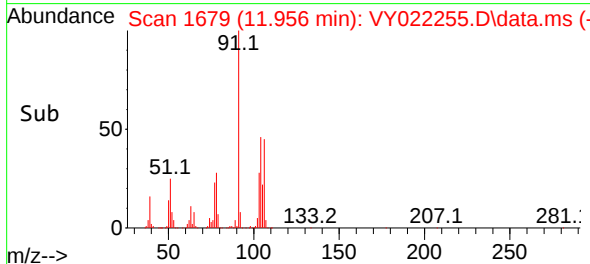
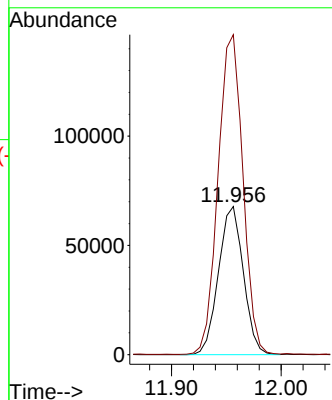
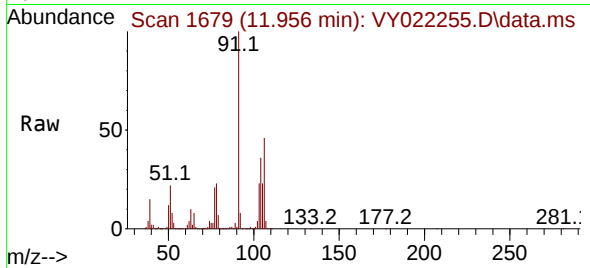
#69
o-Xylene
Concen: 19.194 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:106 Resp: 106998
Ion Ratio Lower Upper
106 100
91 215.7 108.3 324.8

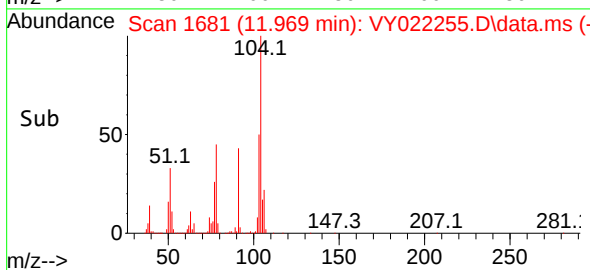
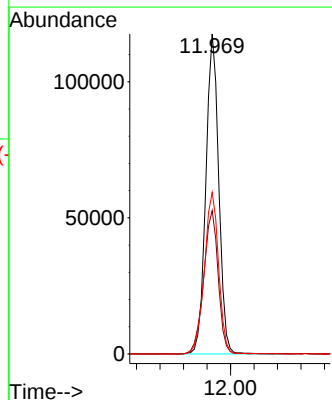
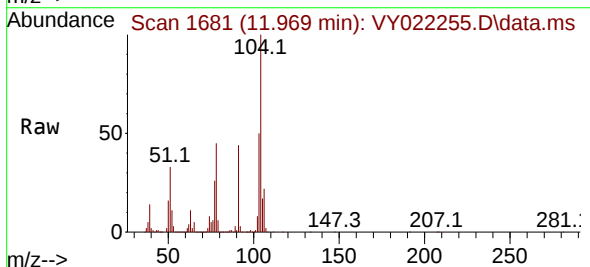
Manual Integrations
APPROVED

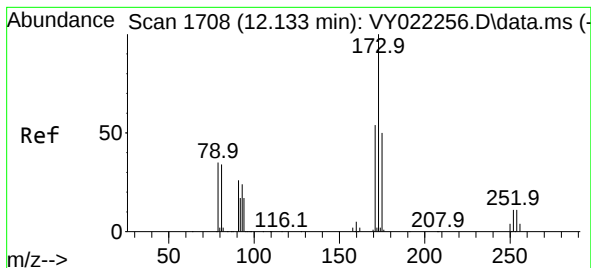
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#70
Styrene
Concen: 19.048 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39

Tgt Ion:104 Resp: 179114
Ion Ratio Lower Upper
104 100
78 50.3 40.9 61.3
103 55.7 43.7 65.5





#71

Bromoform

Concen: 18.582 ug/l

RT: 12.133 min Scan# 1708

Delta R.T. 0.000 min

Lab File: VY022255.D

Acq: 15 May 2025 10:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion:173 Resp: 28788

Ion Ratio Lower Upper

173 100

175 48.0 24.7 74.1

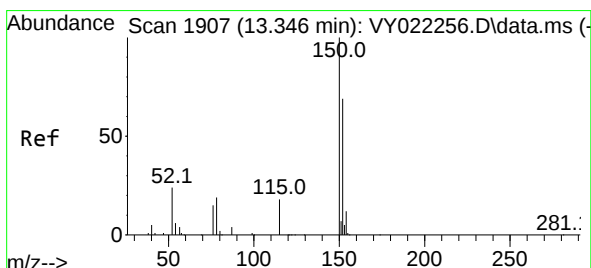
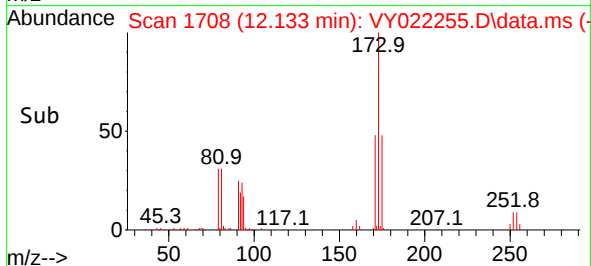
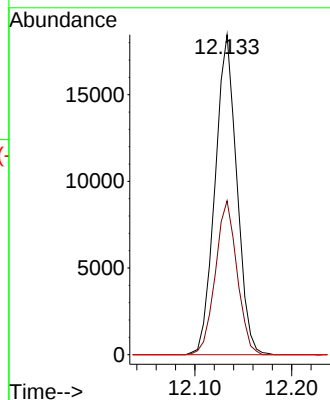
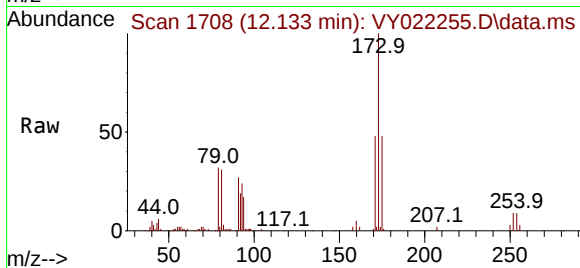
254 0.0 0.0 0.0

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: VY022255.D

Acq: 15 May 2025 10:39

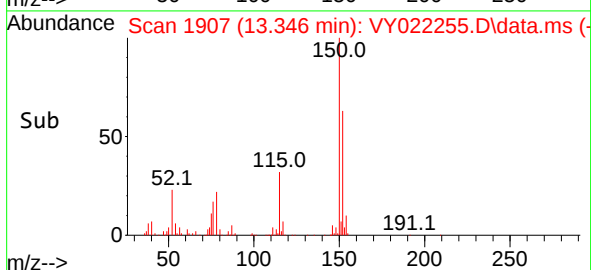
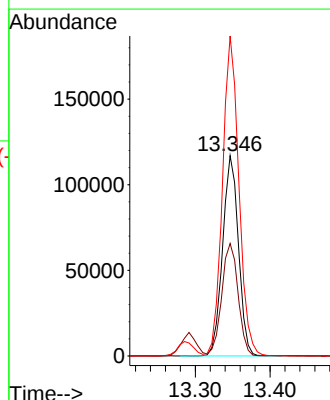
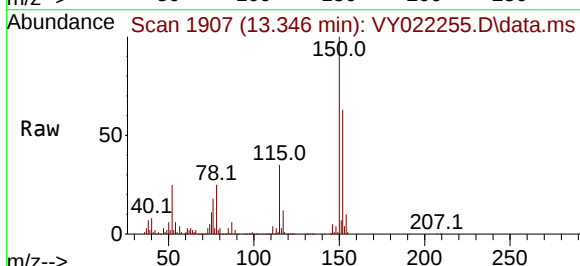
Tgt Ion:152 Resp: 172509

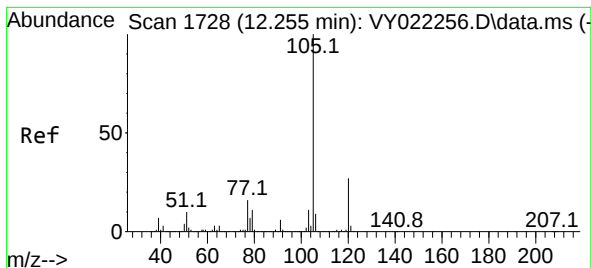
Ion Ratio Lower Upper

152 100

115 57.6 29.4 88.2

150 165.2 0.0 353.8





#73

Isopropylbenzene

Concen: 19.795 ug/l

RT: 12.255 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY022255.D

Acq: 15 May 2025 10:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion:105 Resp: 28289

Ion Ratio Lower Upper

105 100

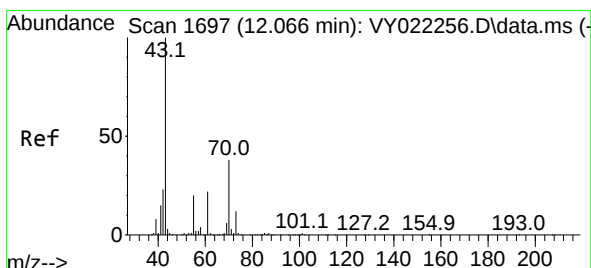
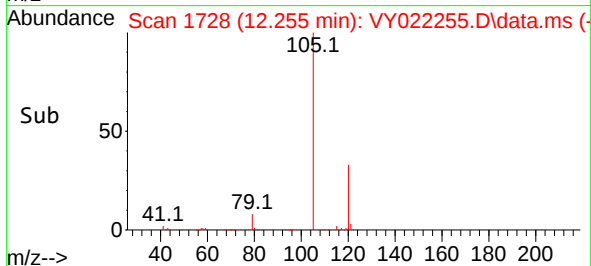
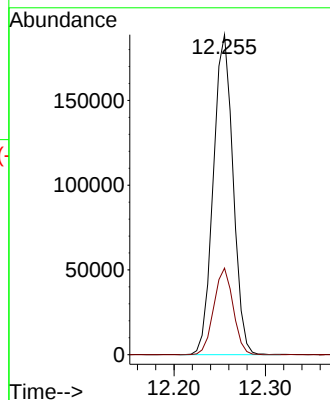
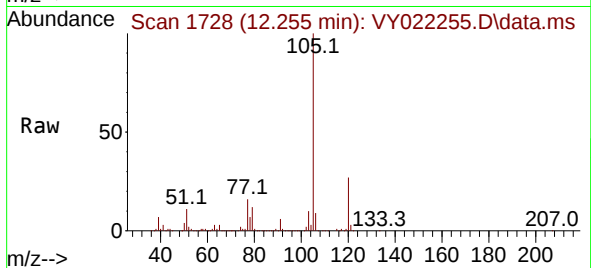
120 26.5 13.2 39.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025

Supervised By :Semsettin Yesilyurt 05/16/2025



#74

N-ethyl acetate

Concen: 18.799 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.006 min

Lab File: VY022255.D

Acq: 15 May 2025 10:39

Tgt Ion: 43 Resp: 76841

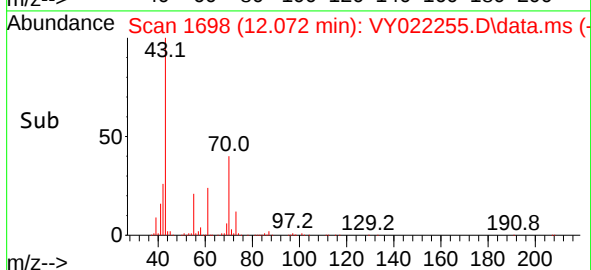
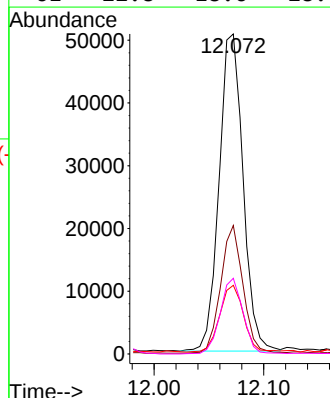
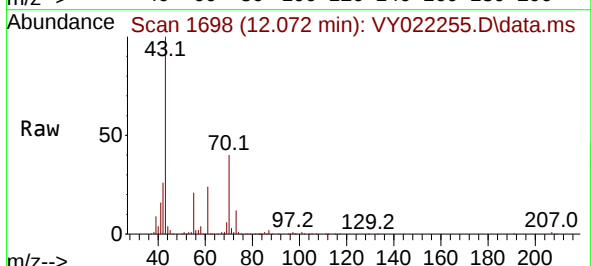
Ion Ratio Lower Upper

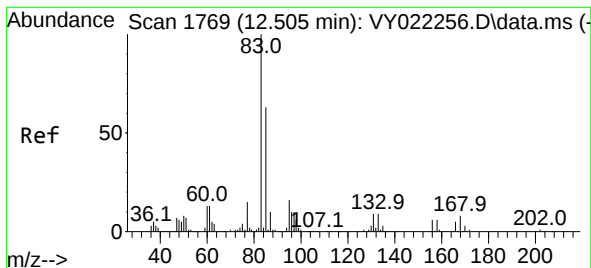
43 100

70 37.3 31.4 47.0

55 21.3 17.0 25.6

61 22.8 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 18.228 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY022255.D

Acq: 15 May 2025 10:39

Instrument :

MSVOA_Y

ClientSampleId :

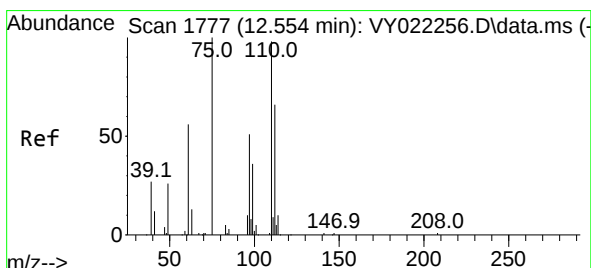
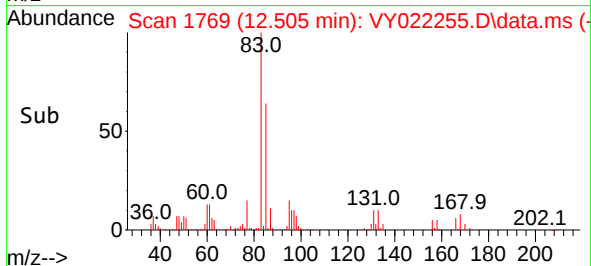
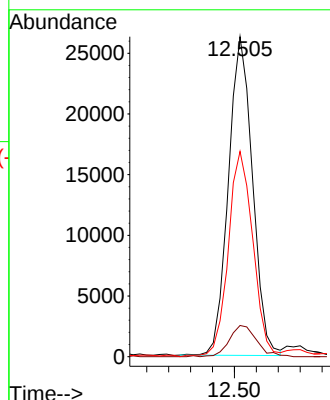
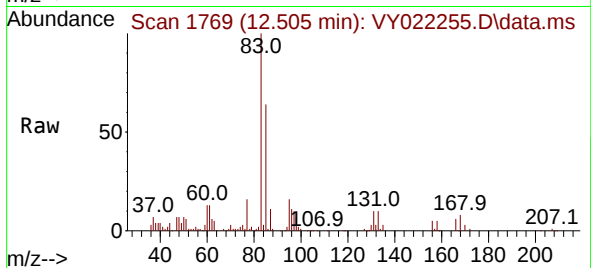
VSTDIC020

Tgt Ion:	83	Resp:	40064
Ion Ratio	Lower	Upper	
83	100		
131	11.1	4.9	14.7
85	65.9	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: 11.701 ug/l m

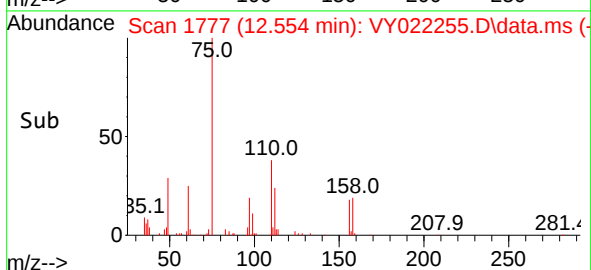
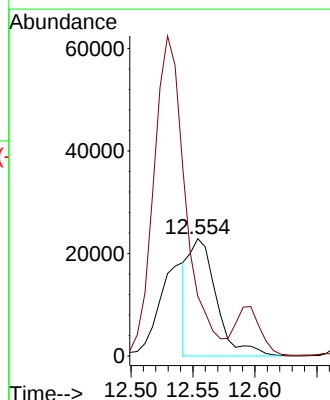
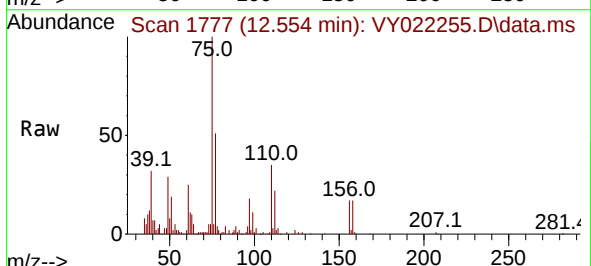
RT: 12.554 min Scan# 1777

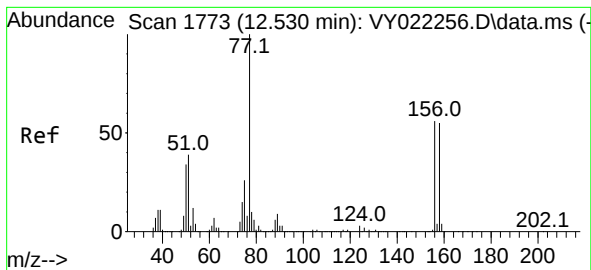
Delta R.T. 0.000 min

Lab File: VY022255.D

Acq: 15 May 2025 10:39

Tgt Ion:	75	Resp:	35574
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.170 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY022255.D

Acq: 15 May 2025 10:39

Instrument :

MSVOA_Y

ClientSampleId :

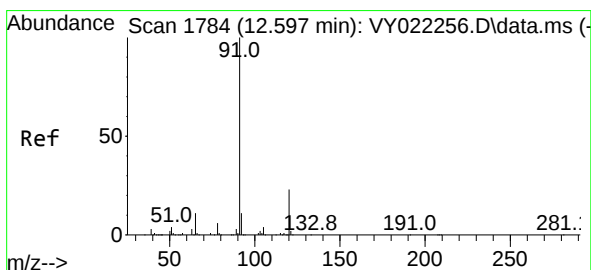
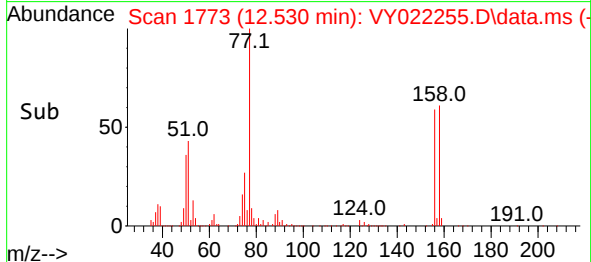
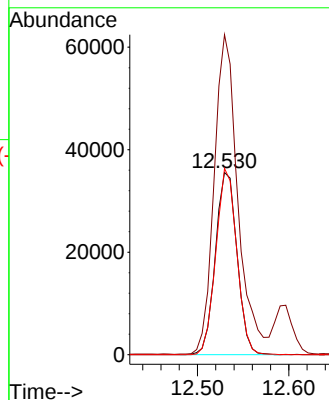
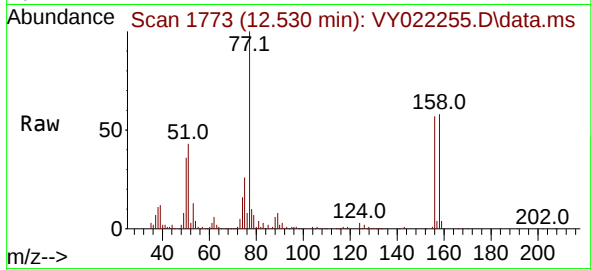
VSTDIC020

Tgt Ion:	156	Resp:	5851
Ion Ratio	Lower	Upper	
156	100		
77	190.6	94.5	283.6
158	99.0	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: 19.630 ug/l

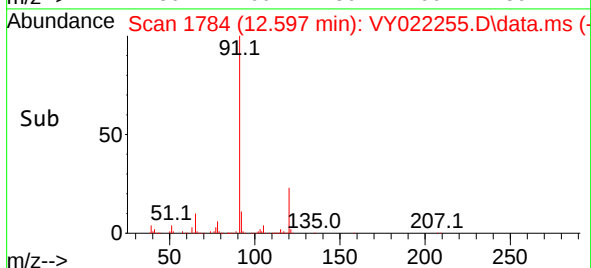
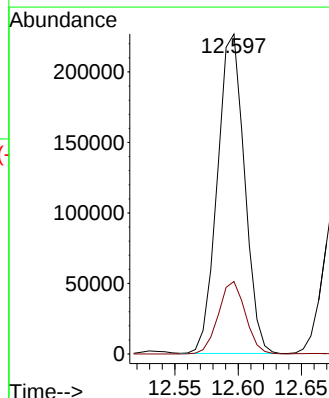
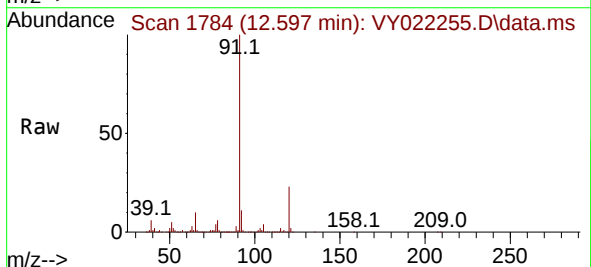
RT: 12.597 min Scan# 1784

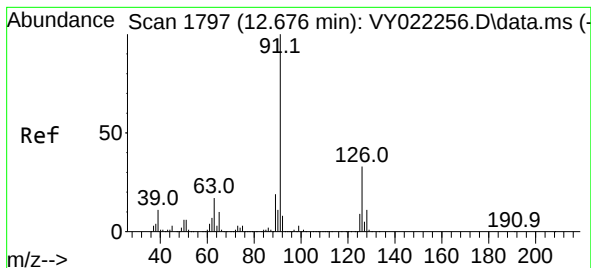
Delta R.T. 0.000 min

Lab File: VY022255.D

Acq: 15 May 2025 10:39

Tgt Ion:	91	Resp:	338383
Ion Ratio	Lower	Upper	
91	100		
120	22.5	11.1	33.3





#79

2-Chlorotoluene

Concen: 19.621 ug/l

RT: 12.682 min Scan# 1798

Delta R.T. 0.006 min

Lab File: VY022255.D

Acq: 15 May 2025 10:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 91 Resp: 185872

Ion Ratio Lower Upper

91 100

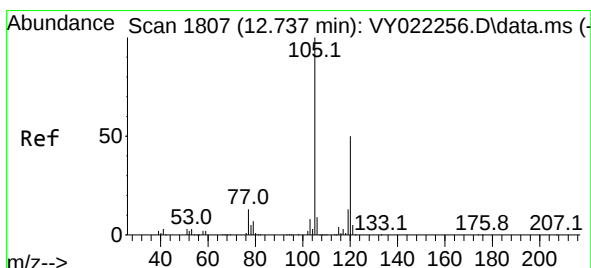
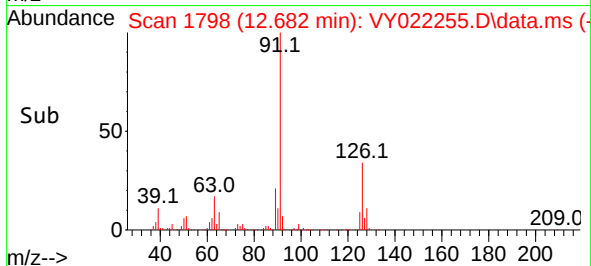
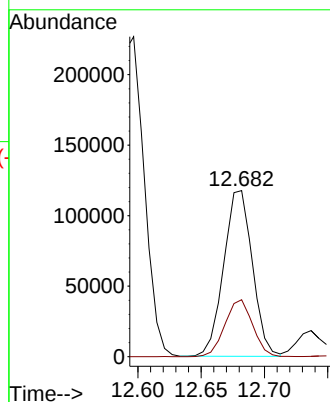
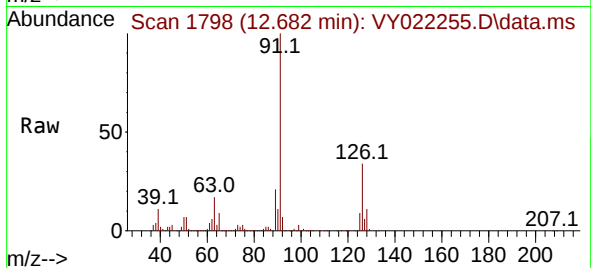
126 33.3 16.8 50.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025

Supervised By :Semsettin Yesilyurt 05/16/2025



#80

1,3,5-Trimethylbenzene

Concen: 19.587 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VY022255.D

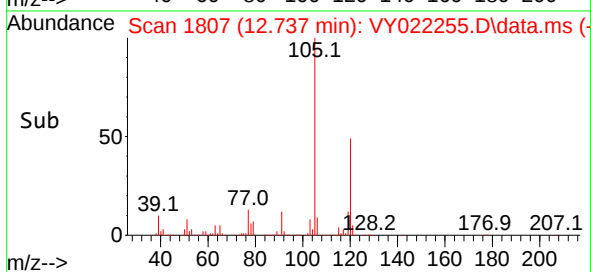
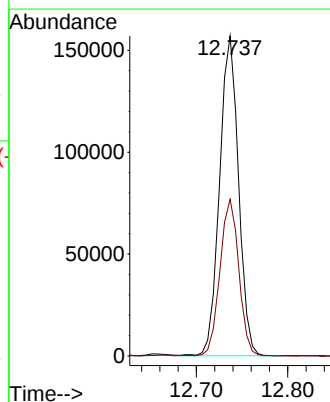
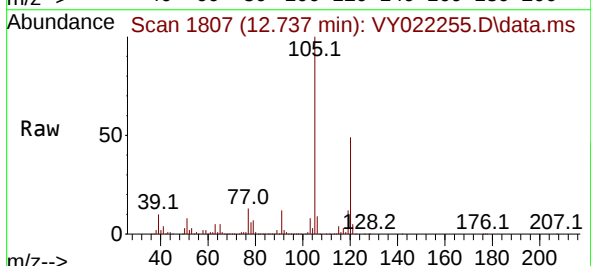
Acq: 15 May 2025 10:39

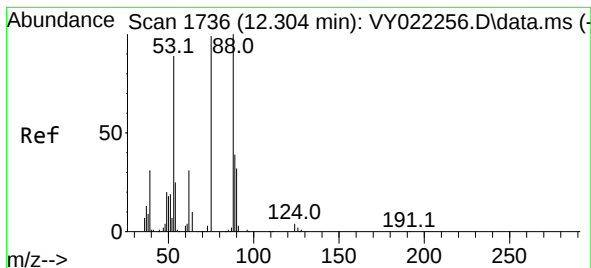
Tgt Ion:105 Resp: 225966

Ion Ratio Lower Upper

105 100

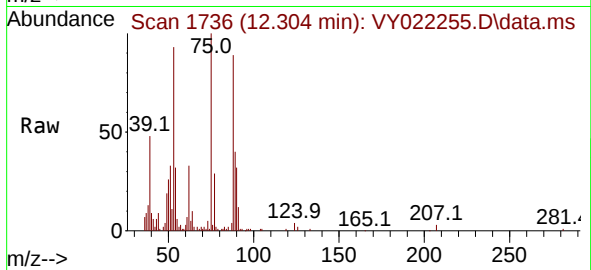
120 48.9 24.2 72.6





#81
trans-1,4-Dichloro-2-butene
Concen: 19.302 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39

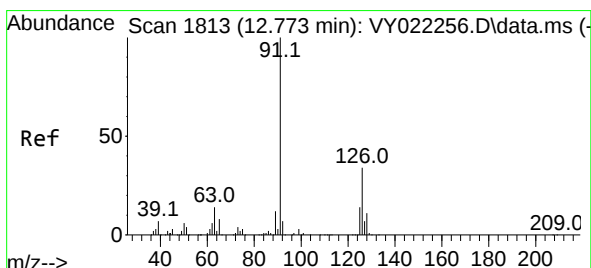
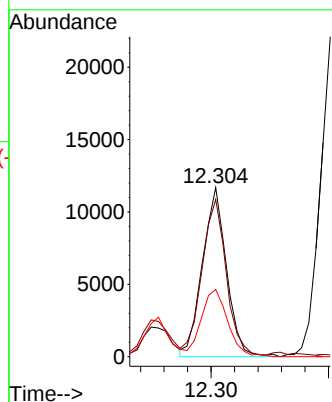
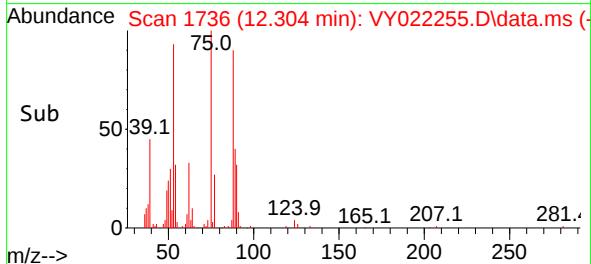
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 75 Resp: 1665
Ion Ratio Lower Upper
75 100
53 92.5 75.8 113.8
89 43.2 36.2 54.2

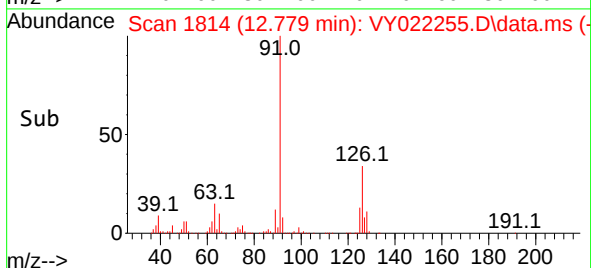
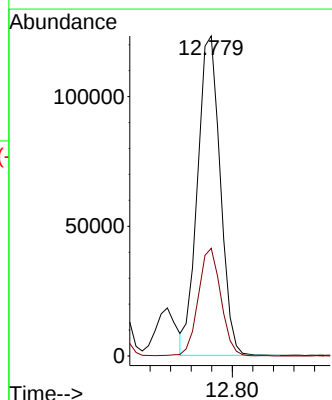
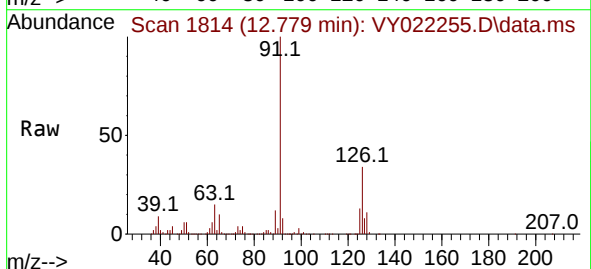
Manual Integrations
APPROVED

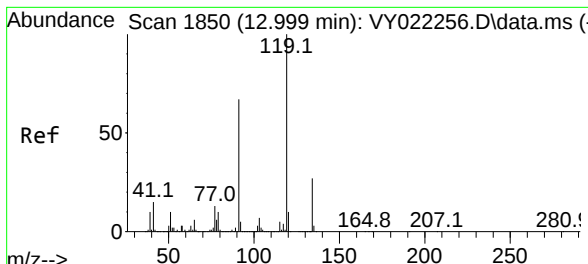
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#82
4-Chlorotoluene
Concen: 19.433 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39

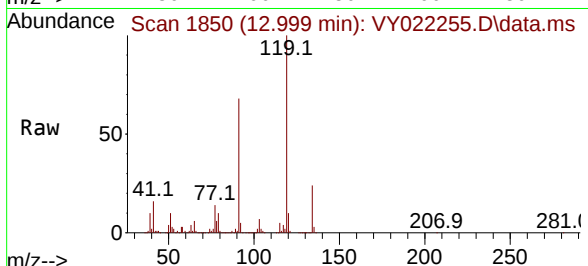
Tgt Ion: 91 Resp: 189350
Ion Ratio Lower Upper
91 100
126 33.6 16.8 50.4





#83
 tert-Butylbenzene
 Concen: 19.515 ug/l
 RT: 12.999 min Scan# 1850
 Delta R.T. 0.000 min
 Lab File: VY022255.D
 Acq: 15 May 2025 10:39

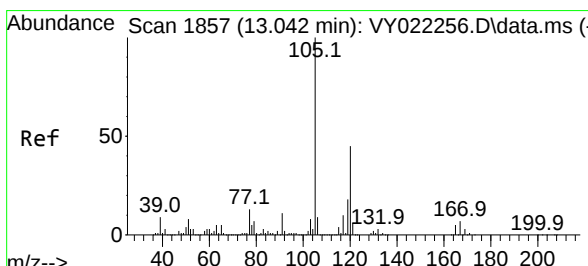
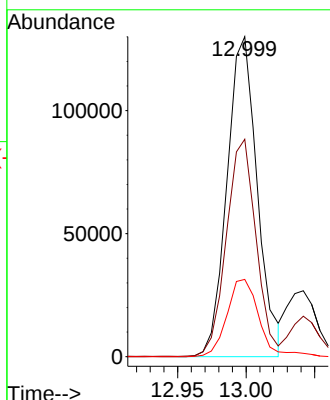
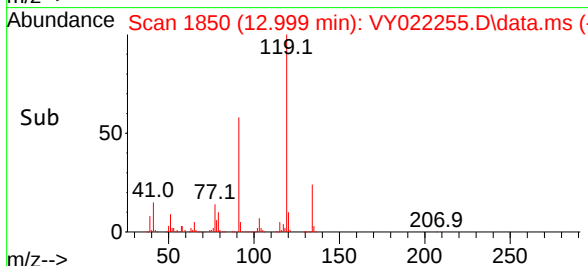
Instrument : MSVOA_Y
 ClientSampleId : VSTDICC020



Tgt Ion:	119	Resp:	20010
Ion Ratio	100	Lower	Upper
119	100		
91	66.3	32.8	98.3
134	25.6	12.9	38.6

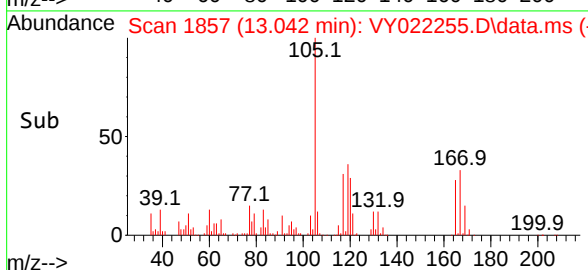
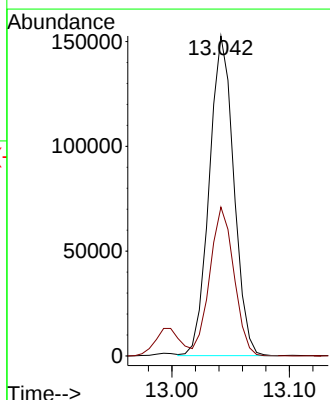
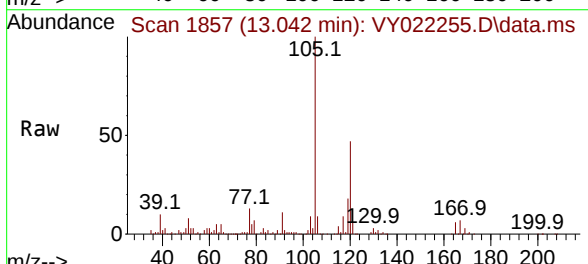
Manual Integrations
 APPROVED

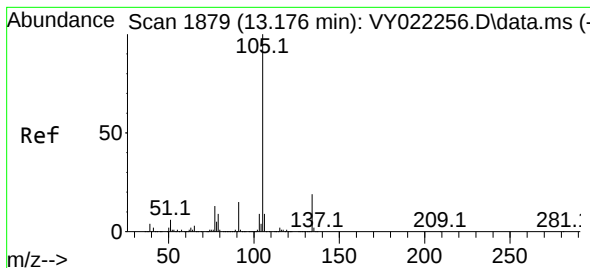
Reviewed By :Mahesh Dadoda 05/16/2025
 Supervised By :Semsettin Yesilyurt 05/16/2025



#84
 1,2,4-Trimethylbenzene
 Concen: 19.315 ug/l
 RT: 13.042 min Scan# 1857
 Delta R.T. 0.000 min
 Lab File: VY022255.D
 Acq: 15 May 2025 10:39

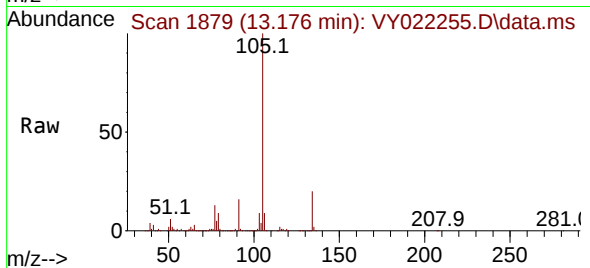
Tgt Ion:	105	Resp:	221194
Ion Ratio	100	Lower	Upper
105	100		
120	45.9	22.3	66.9





#85
 sec-Butylbenzene
 Concen: 19.576 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. 0.000 min
 Lab File: VY022255.D
 Acq: 15 May 2025 10:39

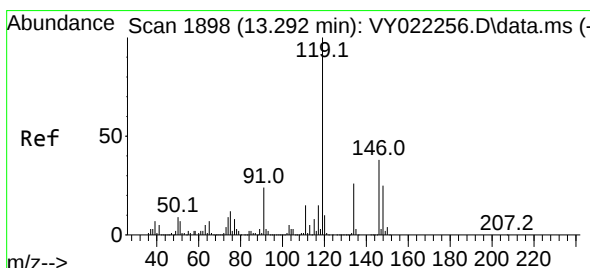
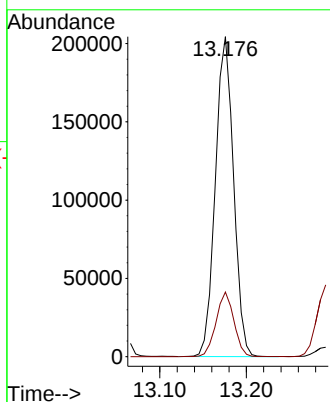
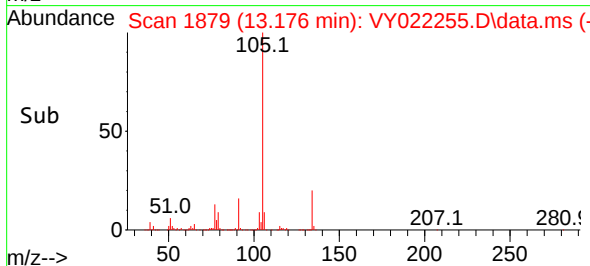
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020



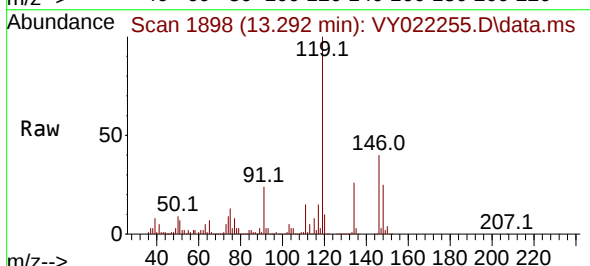
Tgt Ion:105 Resp: 297979
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.8 29.5

Manual Integrations
 APPROVED

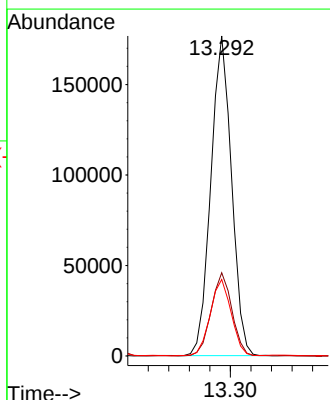
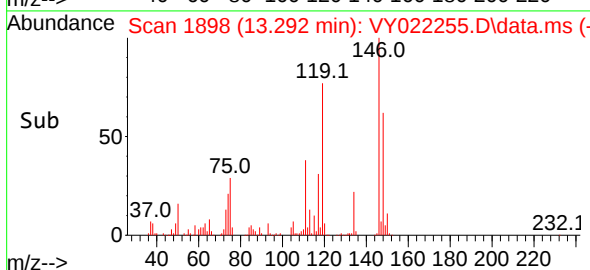
Reviewed By :Mahesh Dadoda 05/16/2025
 Supervised By :Semsettin Yesilyurt 05/16/2025

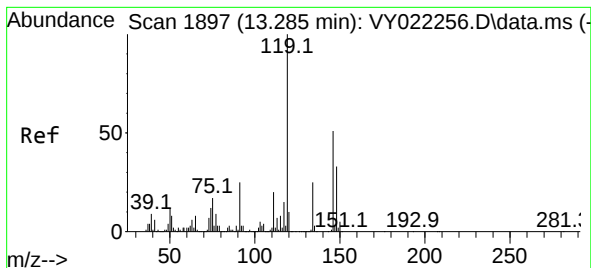


#86
 p-Isopropyltoluene
 Concen: 19.261 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.000 min
 Lab File: VY022255.D
 Acq: 15 May 2025 10:39



Tgt Ion:119 Resp: 246569
 Ion Ratio Lower Upper
 119 100
 134 26.3 12.9 38.6
 91 24.2 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 18.991 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. 0.000 min

Lab File: VY022255.D

Acq: 15 May 2025 10:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

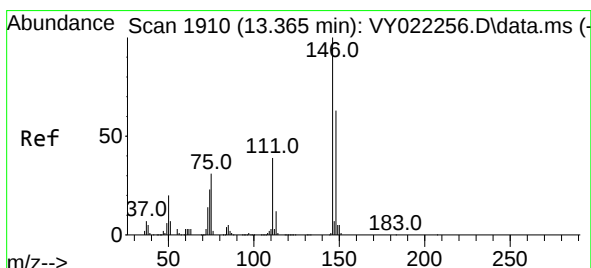
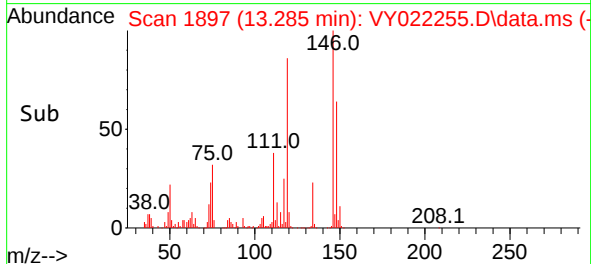
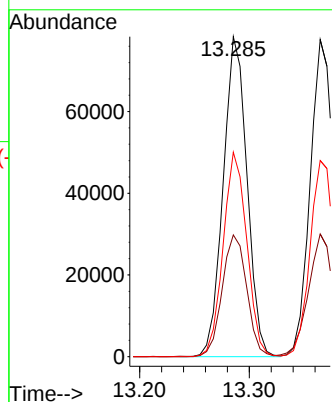
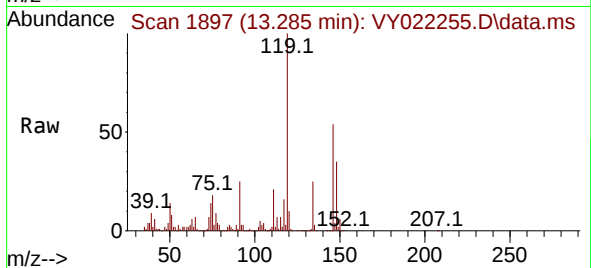
Tgt Ion:	146	Resp:	118330
Ion Ratio	Lower	Upper	
146	100		
111	39.3	19.9	59.7
148	63.4	31.9	95.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025

Supervised By :Semsettin Yesilyurt 05/16/2025



#88

1,4-Dichlorobenzene

Concen: 19.638 ug/l

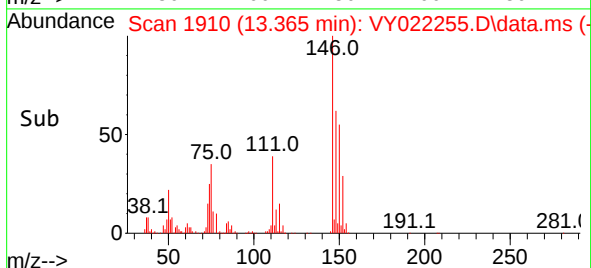
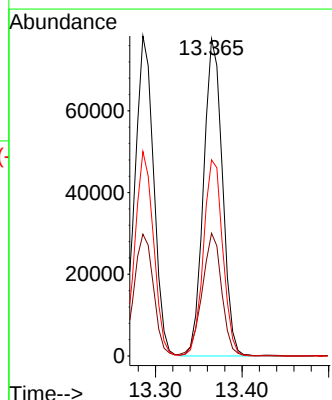
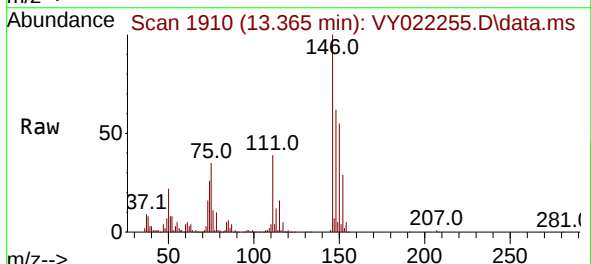
RT: 13.365 min Scan# 1910

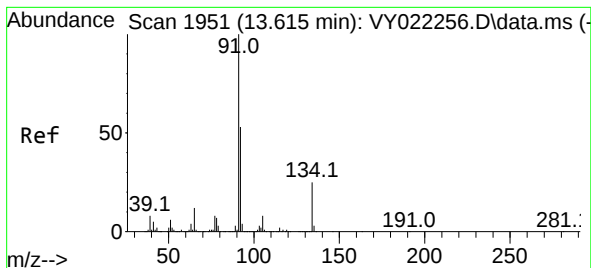
Delta R.T. 0.000 min

Lab File: VY022255.D

Acq: 15 May 2025 10:39

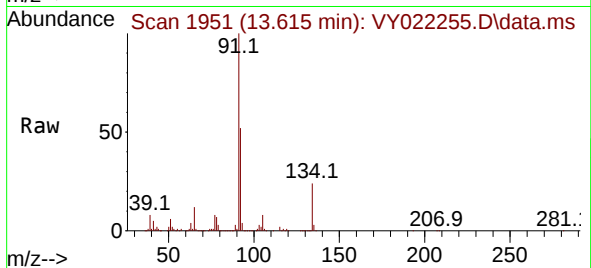
Tgt Ion:	146	Resp:	117705
Ion Ratio	Lower	Upper	
146	100		
111	39.8	20.0	59.9
148	63.3	32.1	96.5





#89
n-Butylbenzene
Concen: 19.887 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. 0.000 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39

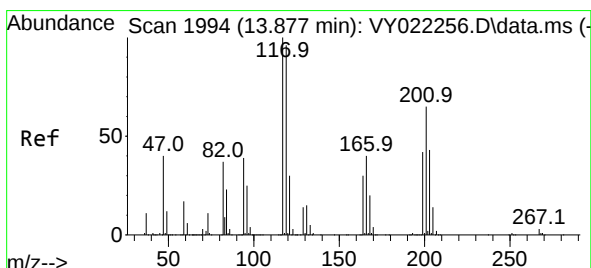
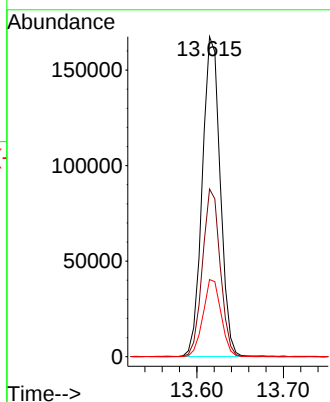
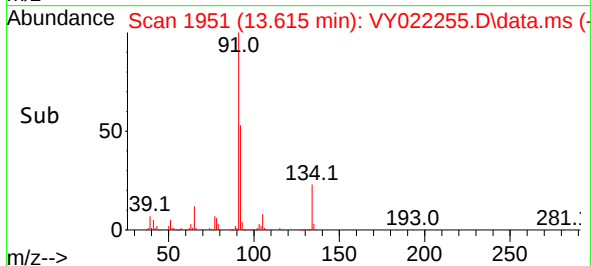
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 91 Resp: 24085
Ion Ratio Lower Upper
91 100
92 52.0 26.3 78.9
134 24.3 12.4 37.4

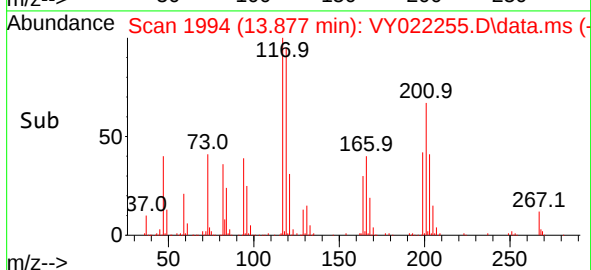
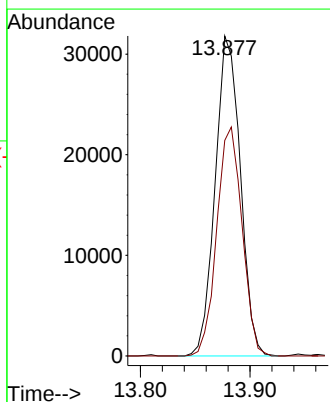
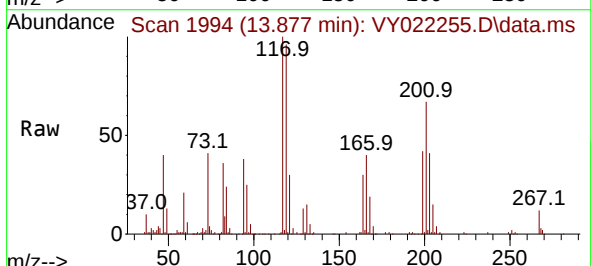
Manual Integrations
APPROVED

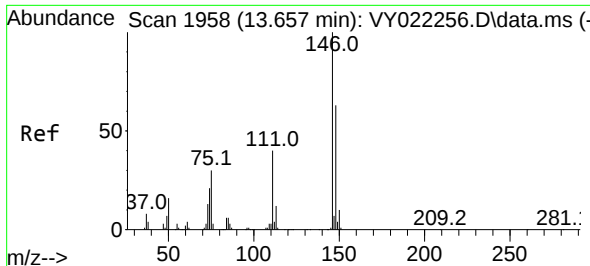
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#90
Hexachloroethane
Concen: 19.643 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39

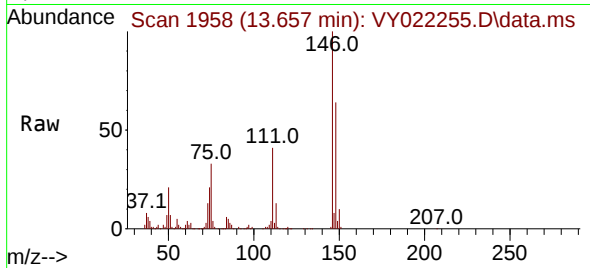
Tgt Ion:117 Resp: 50762
Ion Ratio Lower Upper
117 100
201 72.0 35.2 105.6





#91
1,2-Dichlorobenzene
Concen: 19.502 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39

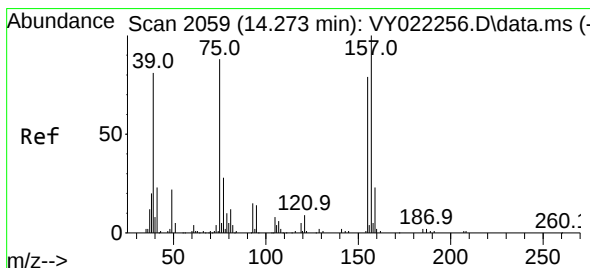
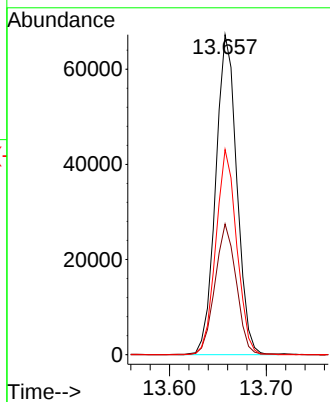
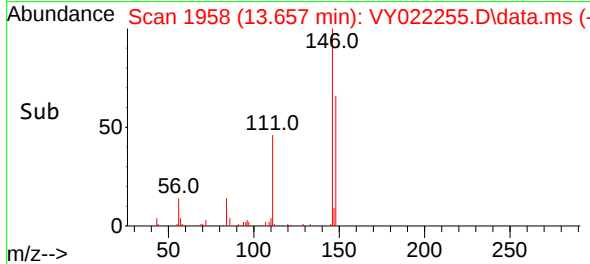
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



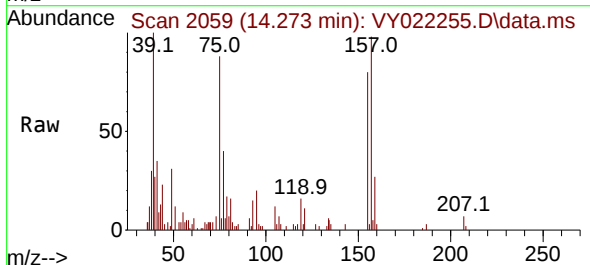
Tgt Ion:146 Resp: 10207
Ion Ratio Lower Upper
146 100
111 41.4 20.5 61.5
148 63.2 32.0 96.0

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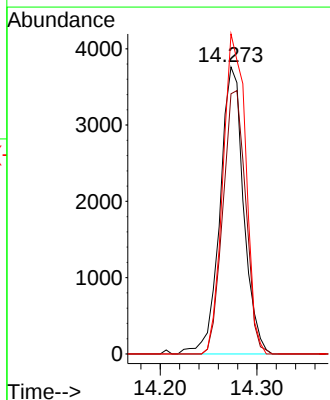
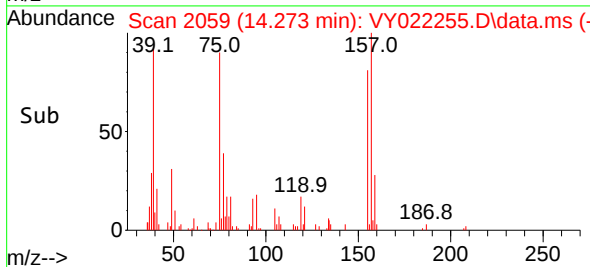
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

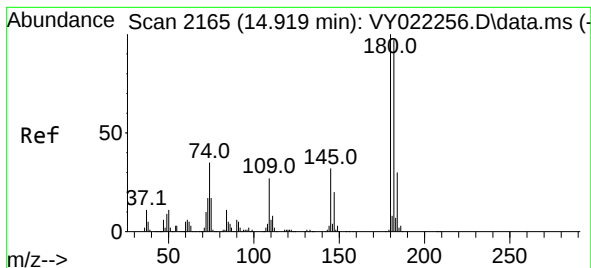


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.021 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39



Tgt Ion: 75 Resp: 6387
Ion Ratio Lower Upper
75 100
155 88.5 43.4 130.1
157 107.4 54.6 163.9





#93

1,2,4-Trichlorobenzene

Concen: 19.346 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY022255.D

Acq: 15 May 2025 10:39

Instrument :

MSVOA_Y

ClientSampleId :

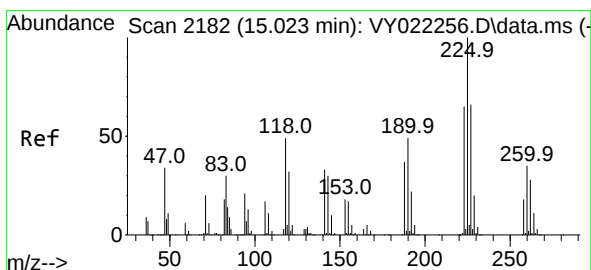
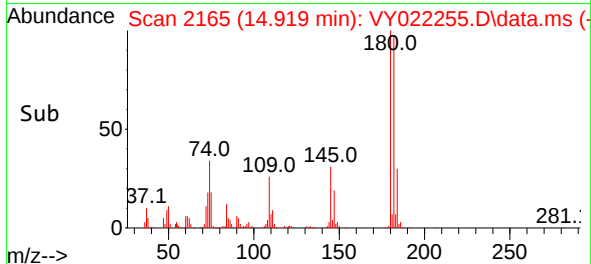
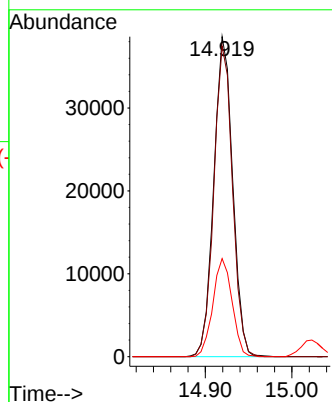
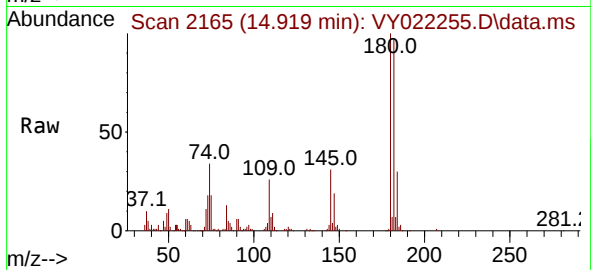
VSTDICC020

Tgt Ion:180	Resp:	58490
Ion Ratio	Lower	Upper
180	100	
182	95.9	48.0 144.0
145	31.1	15.0 45.1

Manual Integrations

APPROVED

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



#94

Hexachlorobutadiene

Concen: 20.301 ug/l

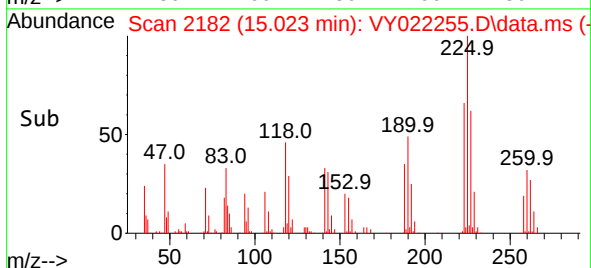
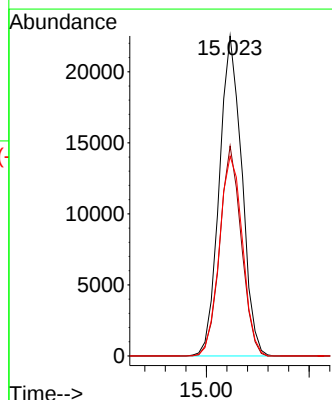
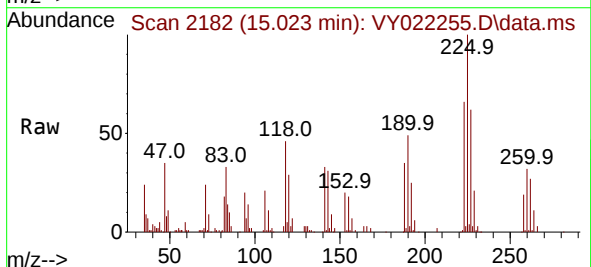
RT: 15.023 min Scan# 2182

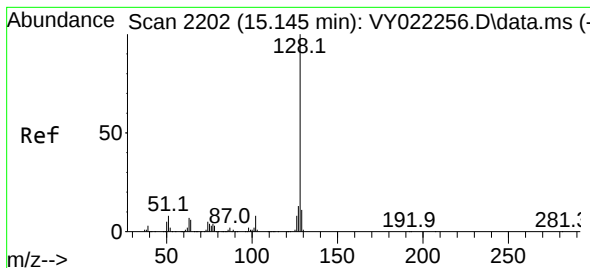
Delta R.T. 0.000 min

Lab File: VY022255.D

Acq: 15 May 2025 10:39

Tgt Ion:225	Resp:	34228
Ion Ratio	Lower	Upper
225	100	
223	62.7	31.5 94.5
227	64.3	32.1 96.3





#95

Naphthalene

Concen: 18.362 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY022255.D

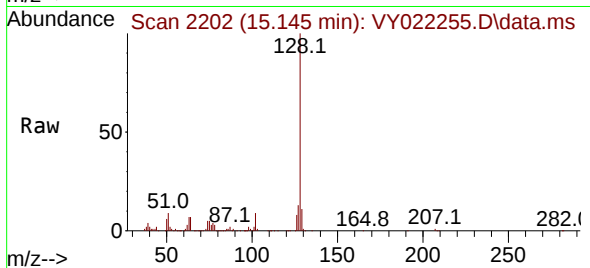
Acq: 15 May 2025 10:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020



Tgt Ion:128 Resp: 105350

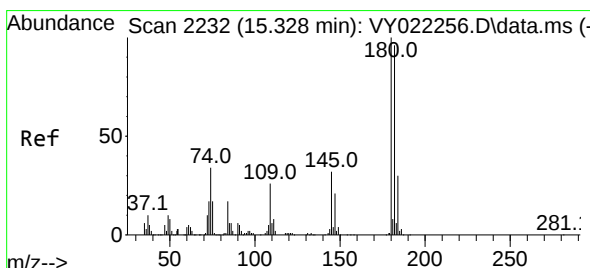
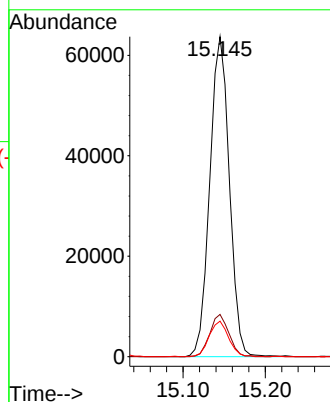
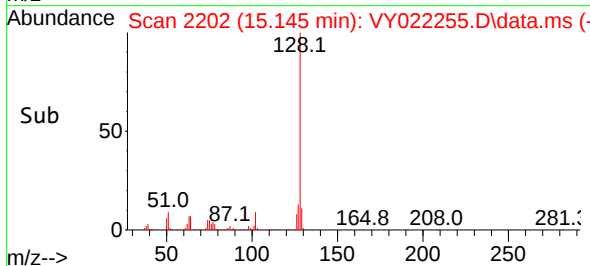
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.2
129	11.0	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025

Supervised By :Semsettin Yesilyurt 05/16/2025



#96

1,2,3-Trichlorobenzene

Concen: 18.888 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY022255.D

Acq: 15 May 2025 10:39

Tgt Ion:180 Resp: 48444

Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.1	141.3
145	31.9	15.9	47.6

