

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052125\
 Data File : VY022354.D
 Acq On : 21 May 2025 09:33
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 05/22/2025
 Supervised By :Semsettin Yesilyurt 05/22/2025

Quant Time: May 22 00:03:52 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 16 01:42:09 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	174007	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	289031	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	248227	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	116710	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	92089	48.424	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.840%		
35) Dibromofluoromethane	7.634	113	88285	51.177	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	102.360%		
50) Toluene-d8	10.109	98	360363	51.005	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	102.000%		
62) 4-Bromofluorobenzene	12.408	95	108916	48.635	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	97.280%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.867	85	80453	44.310	ug/l	100
3) Chloromethane	2.068	50	224465	58.769	ug/l	98
4) Vinyl Chloride	2.202	62	267746	62.745	ug/l	97
5) Bromomethane	2.598	94	245209	70.589	ug/l	97
6) Chloroethane	2.733	64	192190	72.395	ug/l	97
7) Trichlorofluoromethane	3.050	101	246276	57.003	ug/l	98
8) Diethyl Ether	3.458	74	47968	46.264	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.818	101	92483	49.308	ug/l	99
10) Methyl Iodide	4.007	142	111664	51.438	ug/l	99
11) Tert butyl alcohol	4.878	59	31039	213.733	ug/l #	100
12) 1,1-Dichloroethene	3.793	96	93844	50.419	ug/l	93
13) Acrolein	3.659	56	24222	114.092	ug/l	100
14) Allyl chloride	4.385	41	143684	44.026	ug/l	94
15) Acrylonitrile	5.067	53	97882	229.112	ug/l	99
16) Acetone	3.873	43	70221	196.925	ug/l	99
17) Carbon Disulfide	4.104	76	290831	47.917	ug/l	97
18) Methyl Acetate	4.391	43	50294	44.734	ug/l	92
19) Methyl tert-butyl Ether	5.116	73	245445	47.825	ug/l	98
20) Methylene Chloride	4.610	84	102418	44.450	ug/l	90
21) trans-1,2-Dichloroethene	5.116	96	102179	49.735	ug/l	98
22) Diisopropyl ether	6.025	45	316632	45.942	ug/l	98
23) Vinyl Acetate	5.964	43	904893	217.328	ug/l	96
24) 1,1-Dichloroethane	5.921	63	188990	49.083	ug/l	99
25) 2-Butanone	6.896	43	122015	204.563	ug/l	97
26) 2,2-Dichloropropane	6.884	77	167265	48.841	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	118334	49.913	ug/l	98
28) Bromochloromethane	7.244	49	81534	49.644	ug/l	97
29) Tetrahydrofuran	7.268	42	82325	214.534	ug/l	95
30) Chloroform	7.421	83	187229	50.694	ug/l	96
31) Cyclohexane	7.707	56	169821	44.142	ug/l	98
32) 1,1,1-Trichloroethane	7.616	97	166864	49.246	ug/l	99
36) 1,1-Dichloropropene	7.835	75	140269	49.365	ug/l	99
37) Ethyl Acetate	6.988	43	59717	43.679	ug/l	98
38) Carbon Tetrachloride	7.823	117	145598	49.502	ug/l	99
39) Methylcyclohexane	9.109	83	181025	47.420	ug/l	99
40) Benzene	8.085	78	422563	50.165	ug/l	97

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.250	41	41100m	45.320	ug/l	
42) 1,2-Dichloroethane	8.158	62	109831	48.215	ug/l	100
43) Isopropyl Acetate	8.201	43	129856	43.552	ug/l #	86
44) Trichloroethene	8.866	130	104360	49.826	ug/l	96
45) 1,2-Dichloropropane	9.146	63	99325	48.909	ug/l	97
46) Dibromomethane	9.231	93	53073	48.453	ug/l	98
47) Bromodichloromethane	9.426	83	141153	49.674	ug/l	99
48) Methyl methacrylate	9.219	41	59073	42.365	ug/l	93
49) 1,4-Dioxane	9.244	88	11436	924.183	ug/l	91
51) 4-Methyl-2-Pentanone	9.999	43	315507	215.658	ug/l	96
52) Toluene	10.170	92	262126	49.142	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	131314	47.352	ug/l	100
54) cis-1,3-Dichloropropene	9.859	75	153782	48.401	ug/l	97
55) 1,1,2-Trichloroethane	10.573	97	69194	49.332	ug/l	97
56) Ethyl methacrylate	10.438	69	101849	46.616	ug/l	96
57) 1,3-Dichloropropane	10.719	76	121587	48.789	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	240643	245.385	ug/l	99
59) 2-Hexanone	10.762	43	208813	212.876	ug/l	98
60) Dibromochloromethane	10.914	129	90965	49.966	ug/l	99
61) 1,2-Dibromoethane	11.018	107	65188	49.865	ug/l	98
64) Tetrachloroethene	10.652	164	111707	48.687	ug/l	98
65) Chlorobenzene	11.444	112	273641	48.862	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	95250	49.474	ug/l	99
67) Ethyl Benzene	11.524	91	514483	49.054	ug/l	98
68) m/p-Xylenes	11.633	106	386655	97.836	ug/l	98
69) o-Xylene	11.956	106	185725	49.670	ug/l	97
70) Styrene	11.969	104	309526	49.073	ug/l	98
71) Bromoform	12.133	173	48172	46.356	ug/l #	97
73) Isopropylbenzene	12.255	105	479821	49.625	ug/l	100
74) N-amyl acetate	12.072	43	118933	43.009	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.511	83	71286	47.940	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	51423m	43.491	ug/l	
77) Bromobenzene	12.536	156	100099	48.472	ug/l	98
78) n-propylbenzene	12.597	91	576083	49.396	ug/l	100
79) 2-Chlorotoluene	12.682	91	306662	47.849	ug/l	98
80) 1,3,5-Trimethylbenzene	12.737	105	380802	48.789	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	25850	44.288	ug/l	96
82) 4-Chlorotoluene	12.780	91	315707	47.891	ug/l	98
83) tert-Butylbenzene	12.999	119	335092	48.304	ug/l	99
84) 1,2,4-Trimethylbenzene	13.048	105	379530	48.985	ug/l	98
85) sec-Butylbenzene	13.176	105	510607	49.584	ug/l	100
86) p-Isopropyltoluene	13.292	119	426733	49.271	ug/l	99
87) 1,3-Dichlorobenzene	13.292	146	206836	49.063	ug/l	100
88) 1,4-Dichlorobenzene	13.371	146	200010	49.324	ug/l	98
89) n-Butylbenzene	13.621	91	410025	50.042	ug/l	98
90) Hexachloroethane	13.883	117	84048	48.074	ug/l	98
91) 1,2-Dichlorobenzene	13.663	146	174078	49.160	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.279	75	11212	46.759	ug/l	94
93) 1,2,4-Trichlorobenzene	14.925	180	97466	47.650	ug/l	98
94) Hexachlorobutadiene	15.023	225	53367	46.785	ug/l	99
95) Naphthalene	15.145	128	180001	46.373	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	81475	46.954	ug/l	100

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Instrument :
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ClientSampleId :
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Manual Integrations
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Response via : Initial Calibration

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

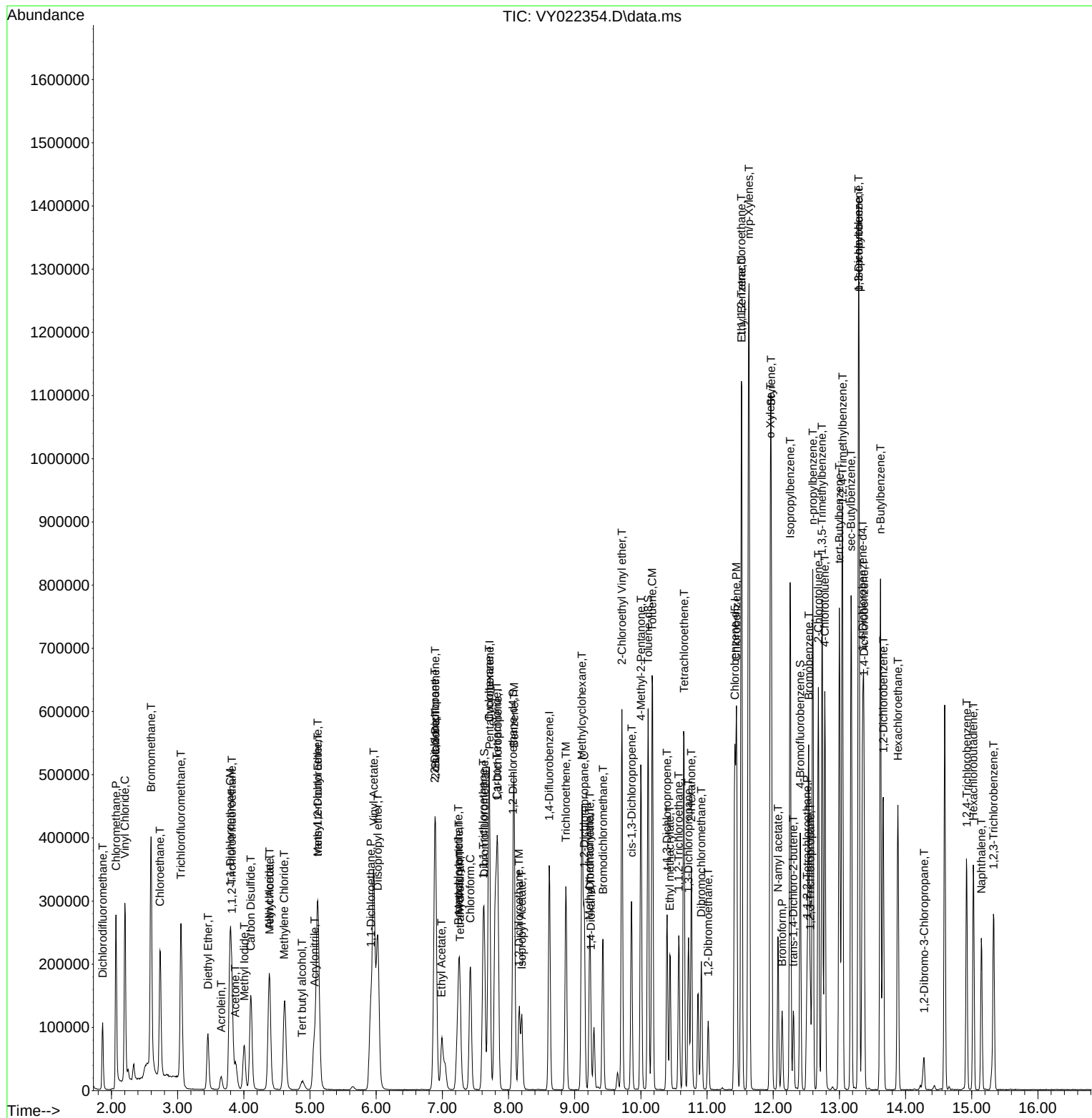
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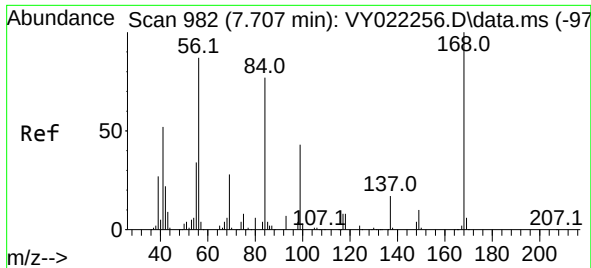
Instrument :
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Manual Integrations APPROVED

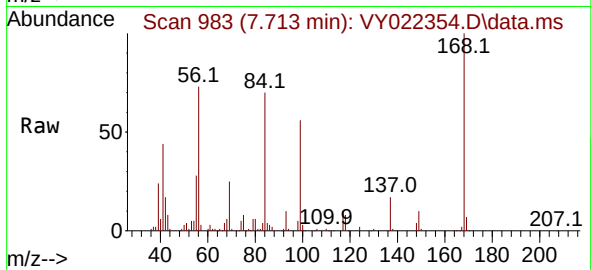
Reviewed By :Mahesh Dadoda 05/22/2025
 Supervised By :Semsettin Yesilyurt 05/22/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY022354.D
Acq: 21 May 2025 09:33

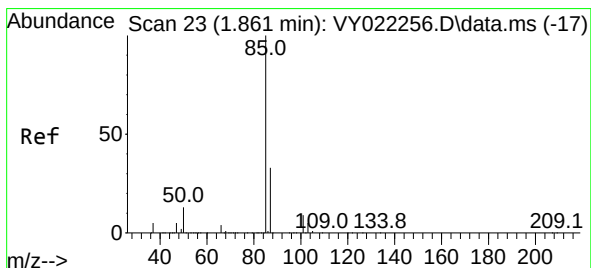
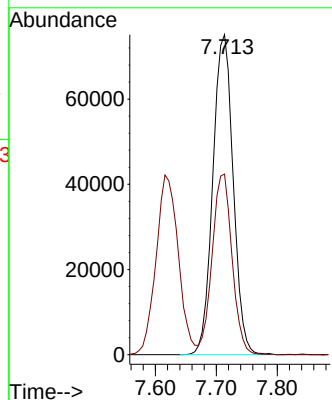
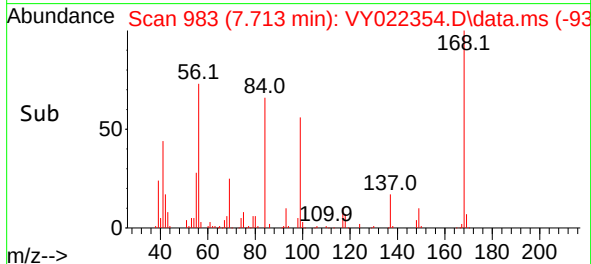
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 17400
Ion Ratio Lower Upper
168 100
99 56.5 44.2 66.4

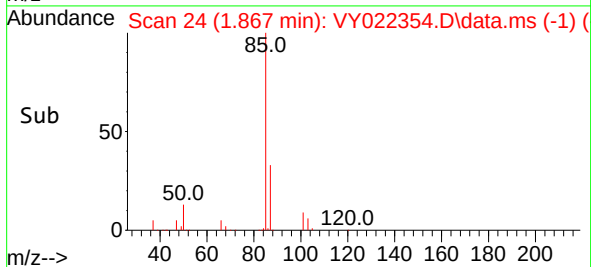
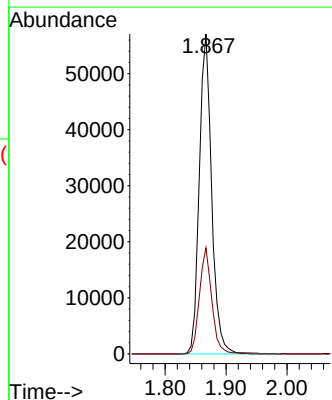
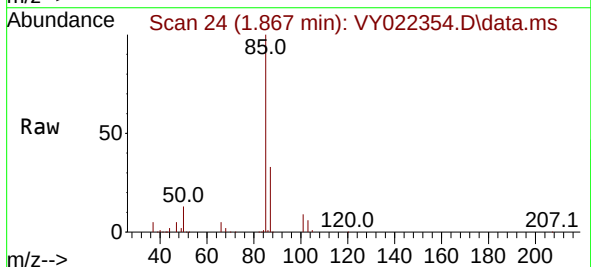
Manual Integrations
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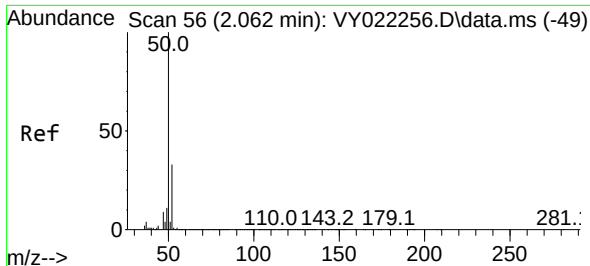
Reviewed By :Mahesh Dadoda 05/22/2025
Supervised By :Semsettin Yesilyurt 05/22/2025



#2
Dichlorodifluoromethane
Concen: 44.310 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY022354.D
Acq: 21 May 2025 09:33

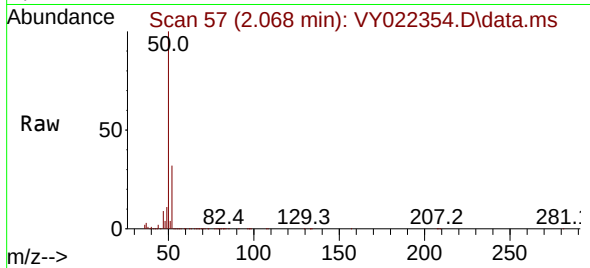
Tgt Ion: 85 Resp: 80453
Ion Ratio Lower Upper
85 100
87 33.2 16.5 49.5





#3
Chloromethane
Concen: 58.769 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY022354.D
Acq: 21 May 2025 09:33

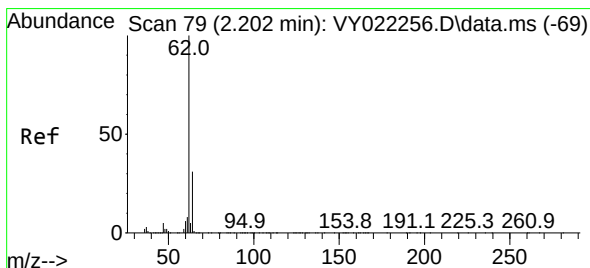
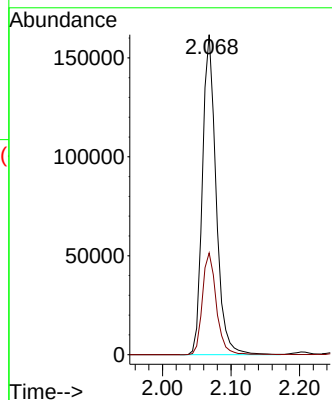
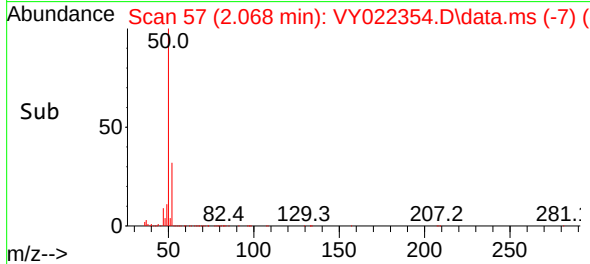
Instrument :
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Tgt Ion: 50 Resp: 22446
Ion Ratio Lower Upper
50 100
52 31.8 26.5 39.7

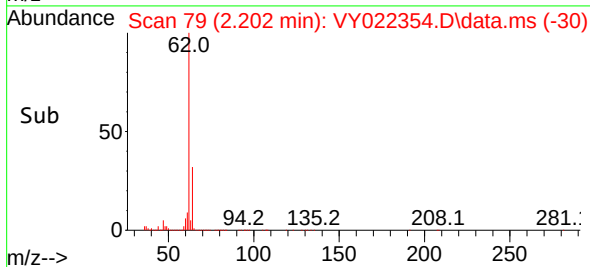
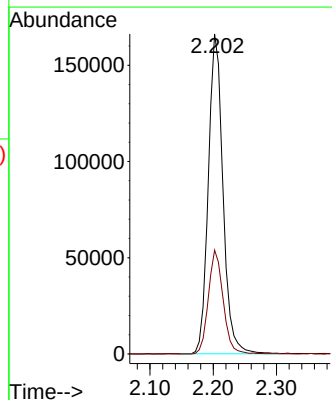
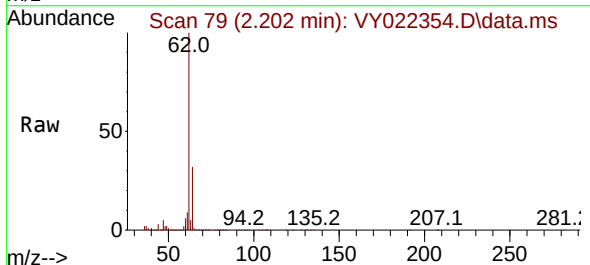
Manual Integrations
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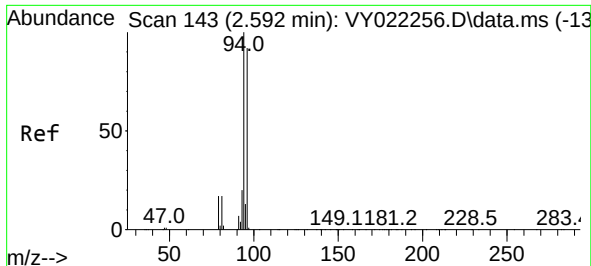
Reviewed By :Mahesh Dadoda 05/22/2025
Supervised By :Semsettin Yesilyurt 05/22/2025



#4
Vinyl Chloride
Concen: 62.745 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY022354.D
Acq: 21 May 2025 09:33

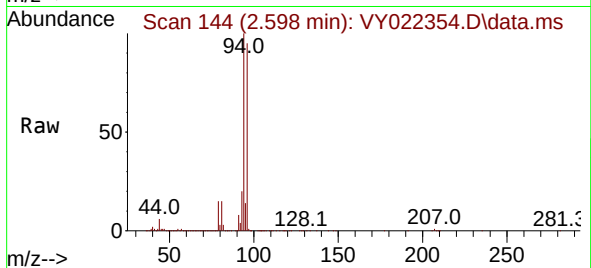
Tgt Ion: 62 Resp: 267746
Ion Ratio Lower Upper
62 100
64 32.5 24.5 36.7





#5
Bromomethane
Concen: 70.589 ug/l
RT: 2.598 min Scan# 143
Delta R.T. 0.006 min
Lab File: VY022354.D
Acq: 21 May 2025 09:33

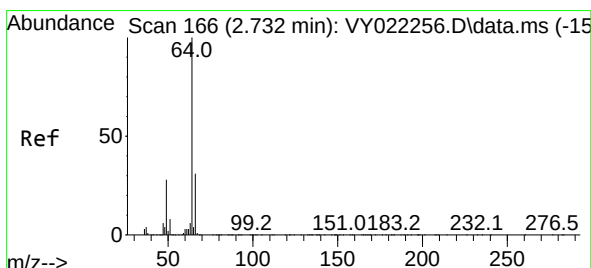
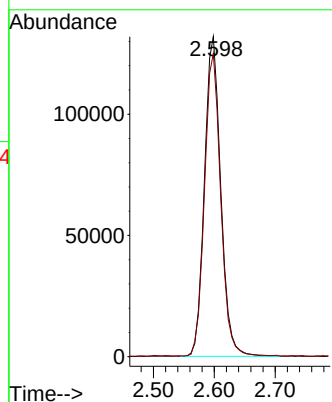
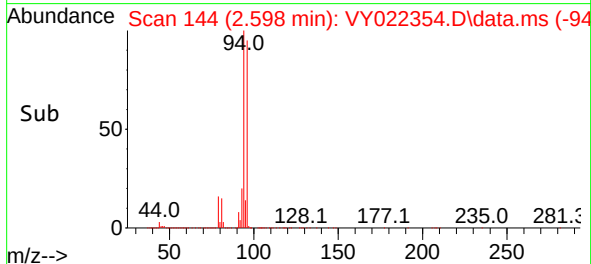
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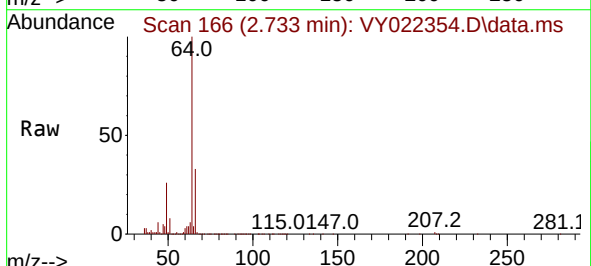
Tgt Ion: 94 Resp: 245209
Ion Ratio Lower Upper
94 100
96 94.6 73.4 110.0

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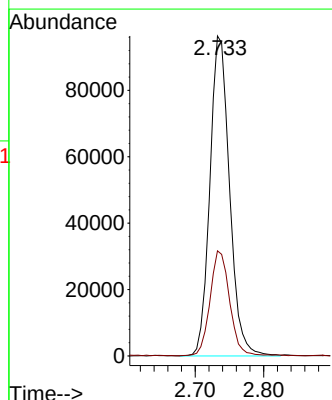
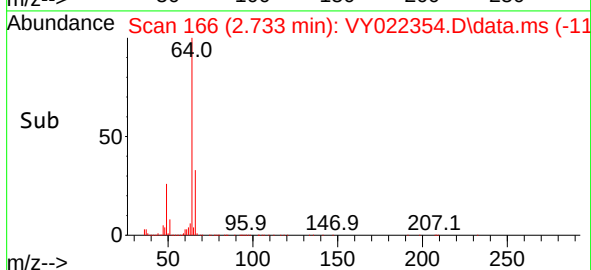
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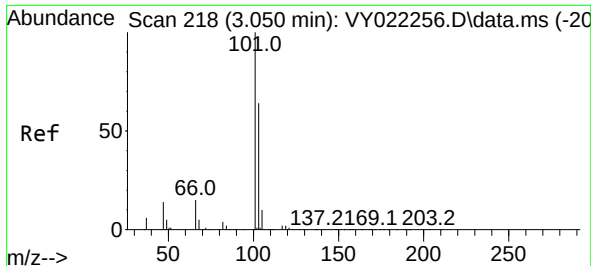


#6
Chloroethane
Concen: 72.395 ug/l
RT: 2.733 min Scan# 166
Delta R.T. 0.000 min
Lab File: VY022354.D
Acq: 21 May 2025 09:33



Tgt Ion: 64 Resp: 192190
Ion Ratio Lower Upper
64 100
66 32.8 24.8 37.2





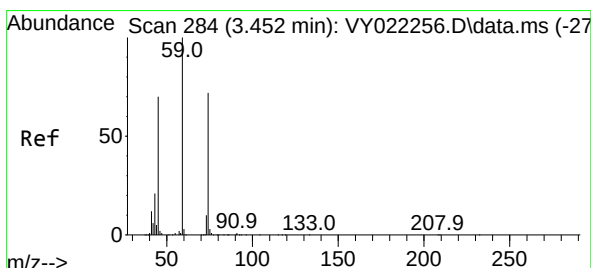
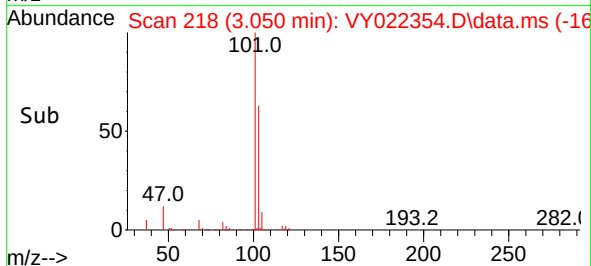
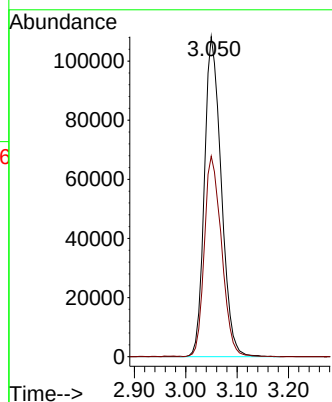
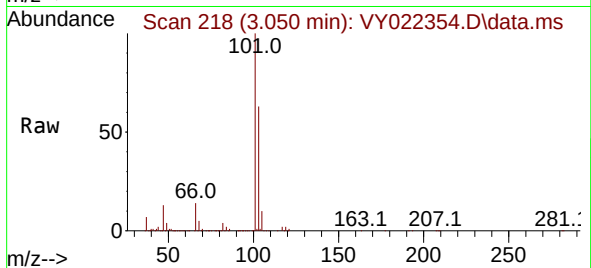
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Trichlorofluoromethane
Concen: 57.003 ug/l
RT: 3.050 min Scan# 218
Delta R.T. 0.000 min
Lab File: VY022354.D
Acq: 21 May 2025 09:33

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 246270
Ion Ratio Lower Upper
101 100
103 62.7 51.7 77.5

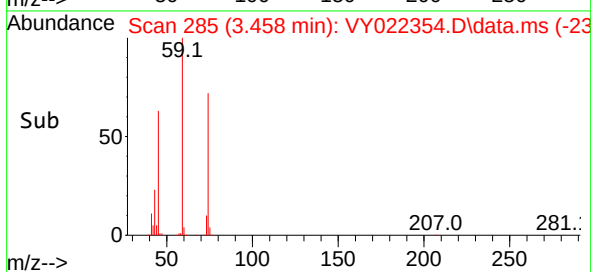
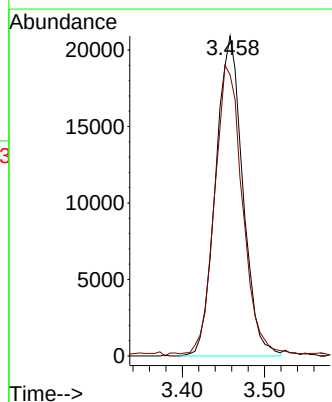
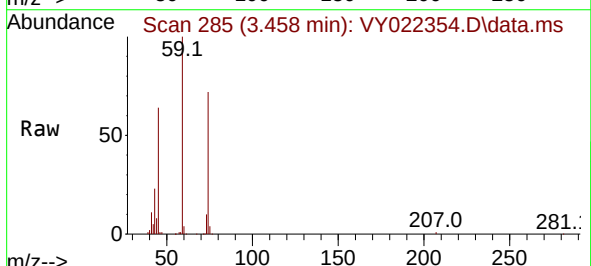
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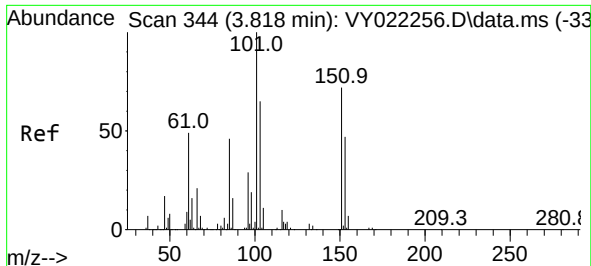
Reviewed By :Mahesh Dadoda 05/22/2025
Supervised By :Semsettin Yesilyurt 05/22/2025



#8
Diethyl Ether
Concen: 46.264 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.006 min
Lab File: VY022354.D
Acq: 21 May 2025 09:33

Tgt Ion: 74 Resp: 47968
Ion Ratio Lower Upper
74 100
45 92.1 48.6 145.8





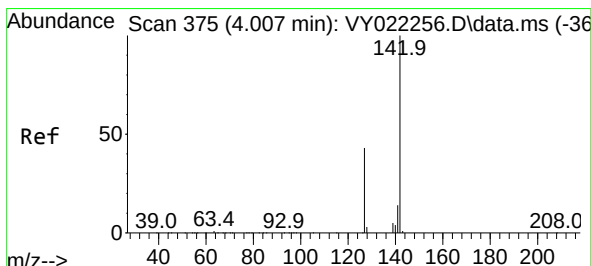
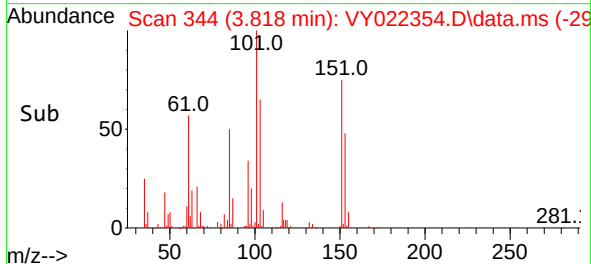
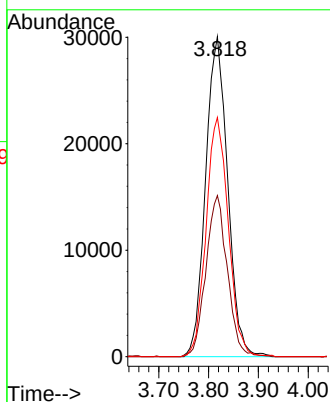
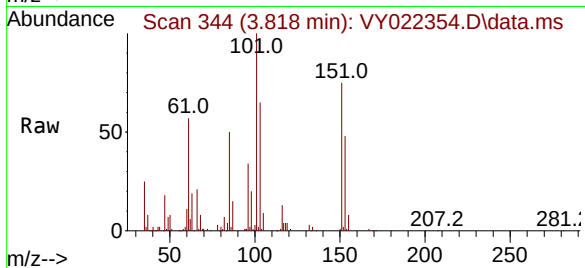
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.308 ug/l
RT: 3.818 min Scan# 344
Delta R.T. 0.000 min
Lab File: VY022354.D
Acq: 21 May 2025 09:33

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 9248
Ion Ratio Lower Upper
101 100
85 48.9 38.6 58.0
151 75.4 59.7 89.5

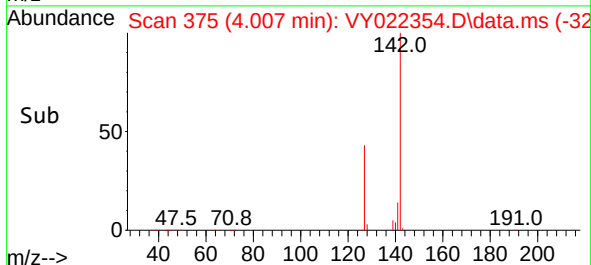
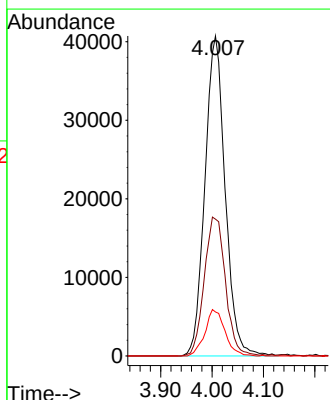
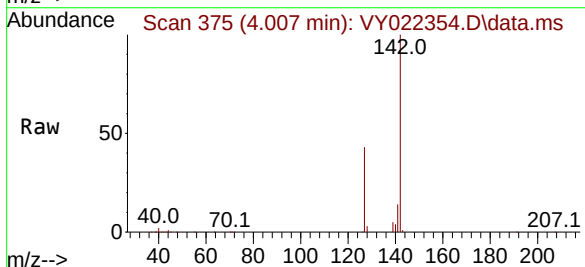
Manual Integrations
APPROVED

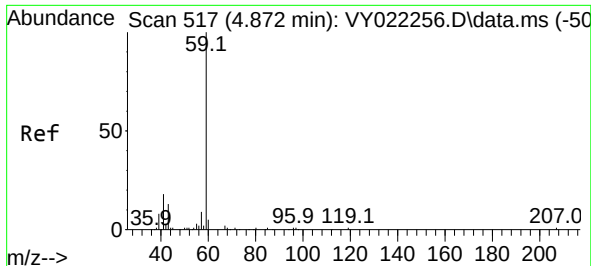
Reviewed By :Mahesh Dadoda 05/22/2025
Supervised By :Semsettin Yesilyurt 05/22/2025



#10
Methyl Iodide
Concen: 51.438 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY022354.D
Acq: 21 May 2025 09:33

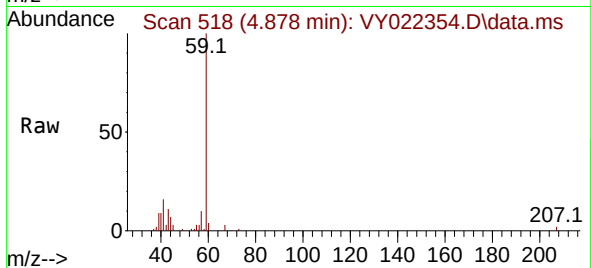
Tgt Ion:142 Resp: 111664
Ion Ratio Lower Upper
142 100
127 45.5 35.7 53.5
141 14.3 11.1 16.7





#11
Tert butyl alcohol
Concen: 213.733 ug/l
RT: 4.878 min Scan# 517
Delta R.T. 0.006 min
Lab File: VY022354.D
Acq: 21 May 2025 09:33

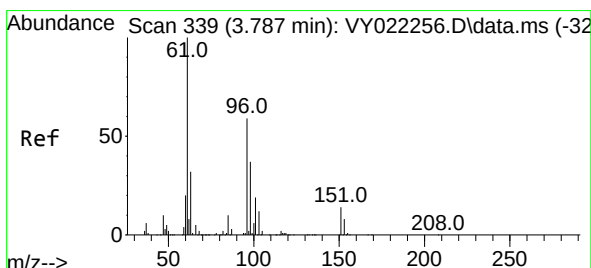
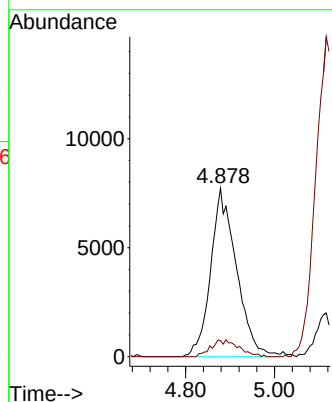
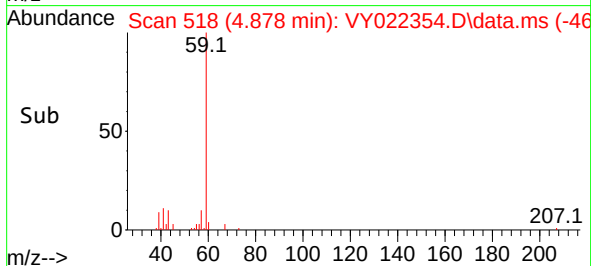
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 59 Resp: 31039
Ion Ratio Lower Upper
59 100
57 5.0 0.0 0.0

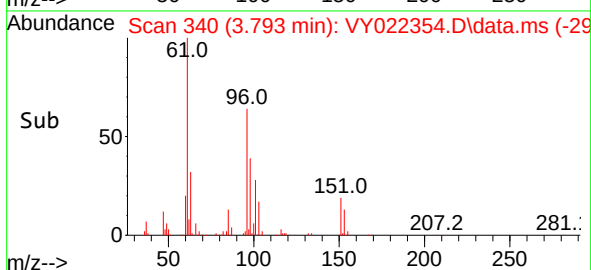
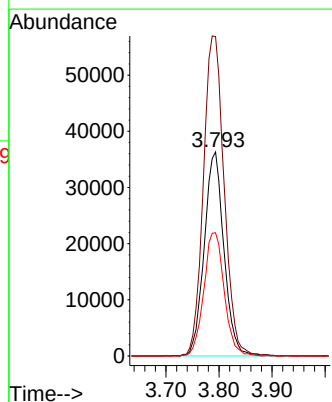
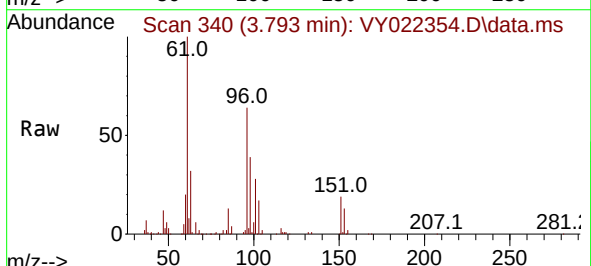
Manual Integrations
APPROVED

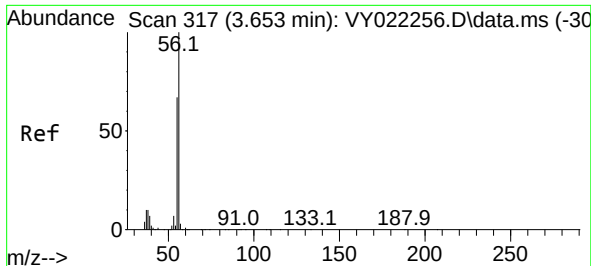
Reviewed By :Mahesh Dadoda 05/22/2025
Supervised By :Semsettin Yesilyurt 05/22/2025



#12
1,1-Dichloroethene
Concen: 50.419 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY022354.D
Acq: 21 May 2025 09:33

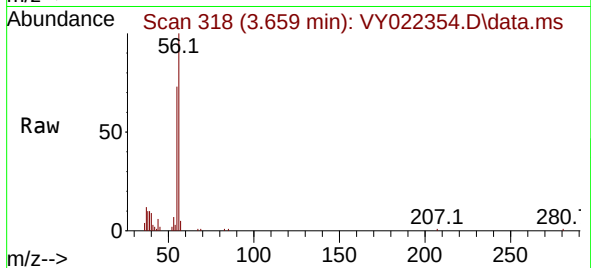
Tgt Ion: 96 Resp: 93844
Ion Ratio Lower Upper
96 100
61 156.5 134.9 202.3
98 60.4 49.9 74.9





#13
Acrolein
Concen: 114.092 ug/l
RT: 3.659 min Scan# 317
Delta R.T. 0.006 min
Lab File: VY022354.D
Acq: 21 May 2025 09:33

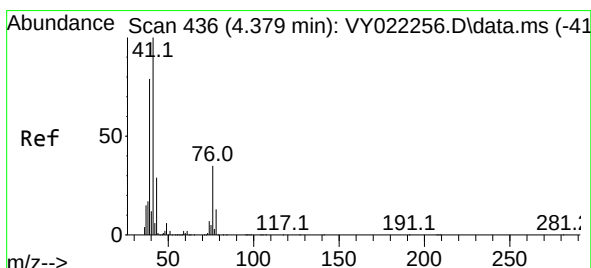
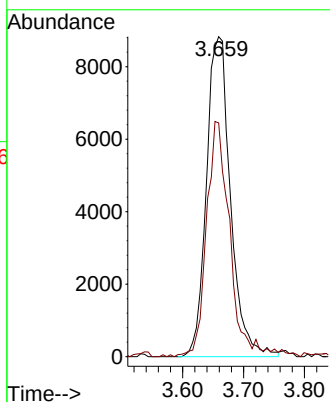
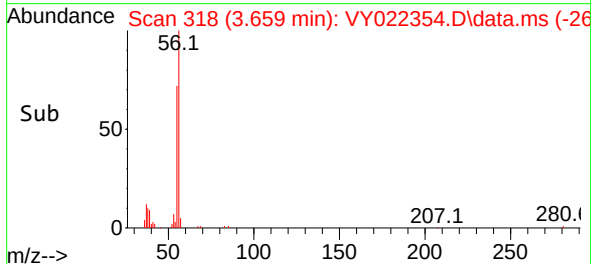
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



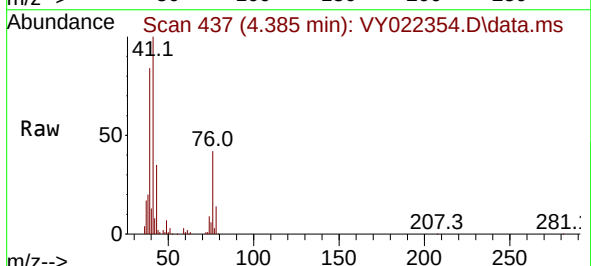
Tgt Ion: 56 Resp: 2422
Ion Ratio Lower Upper
56 100
55 69.8 55.6 83.4

Manual Integrations
APPROVED

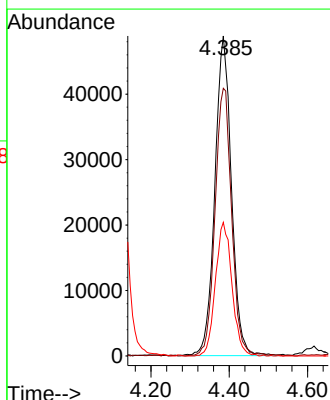
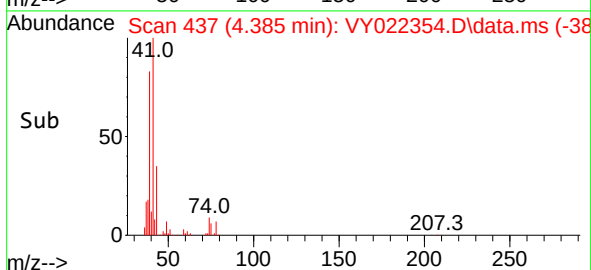
Reviewed By :Mahesh Dadoda 05/22/2025
Supervised By :Semsettin Yesilyurt 05/22/2025

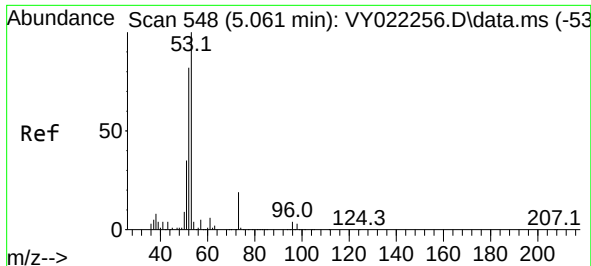


#14
Allyl chloride
Concen: 44.026 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY022354.D
Acq: 21 May 2025 09:33



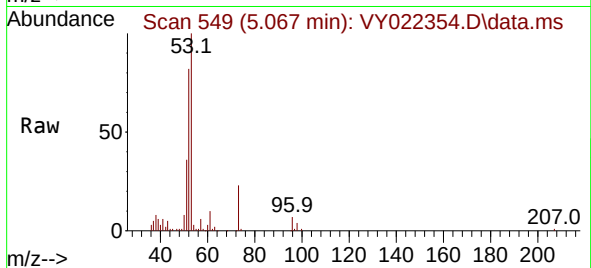
Tgt Ion: 41 Resp: 143684
Ion Ratio Lower Upper
41 100
39 84.1 63.4 95.0
76 41.6 29.5 44.3





#15
Acrylonitrile
Concen: 229.112 ug/l
RT: 5.067 min Scan# 548
Delta R.T. 0.006 min
Lab File: VY022354.D
Acq: 21 May 2025 09:33

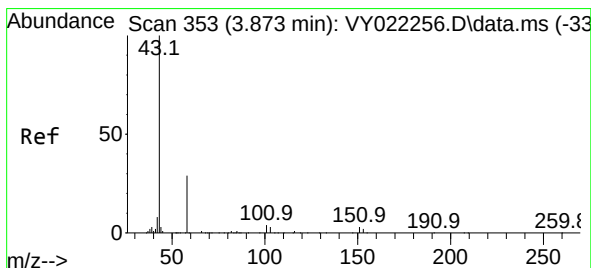
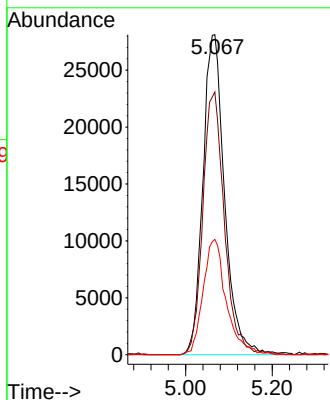
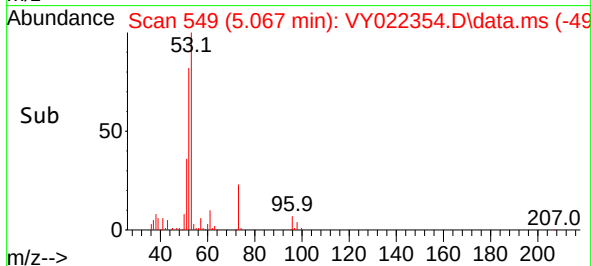
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



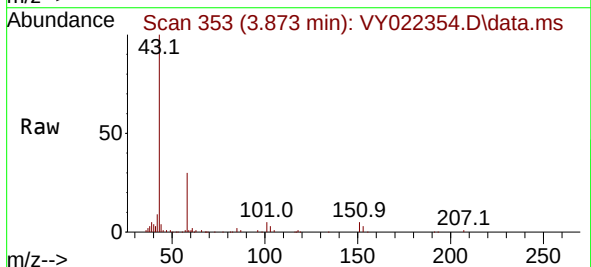
Tgt Ion: 53 Resp: 9788
Ion Ratio Lower Upper
53 100
52 81.5 66.1 99.1
51 38.5 30.0 45.0

Manual Integrations
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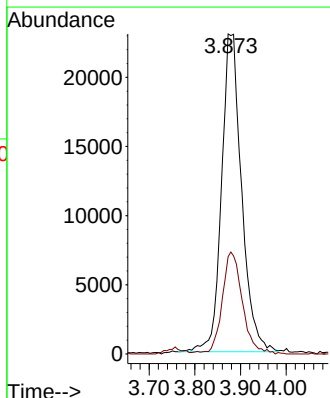
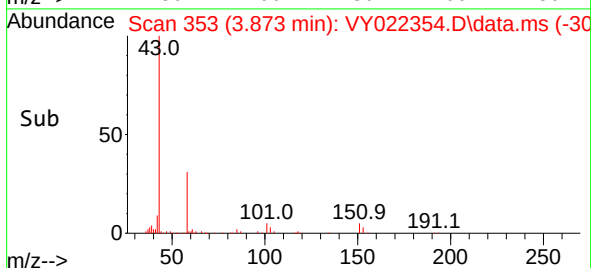
Reviewed By :Mahesh Dadoda 05/22/2025
Supervised By :Semsettin Yesilyurt 05/22/2025

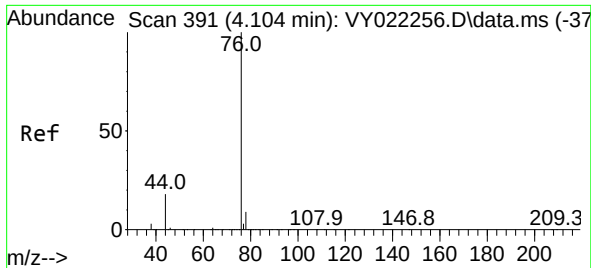


#16
Acetone
Concen: 196.925 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY022354.D
Acq: 21 May 2025 09:33



Tgt Ion: 43 Resp: 70221
Ion Ratio Lower Upper
43 100
58 30.2 23.6 35.4





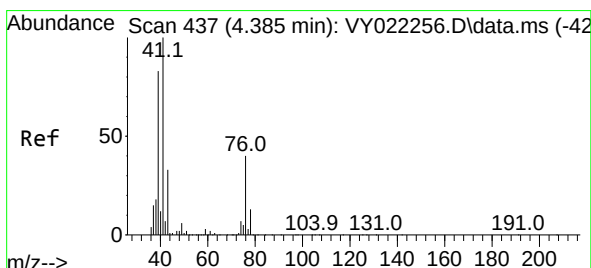
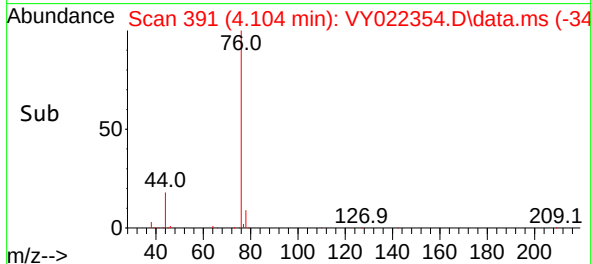
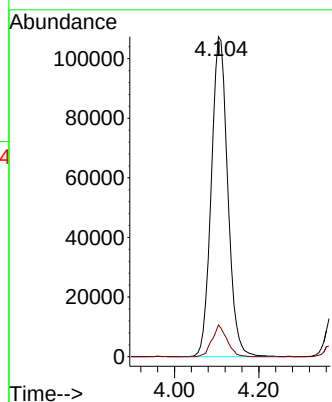
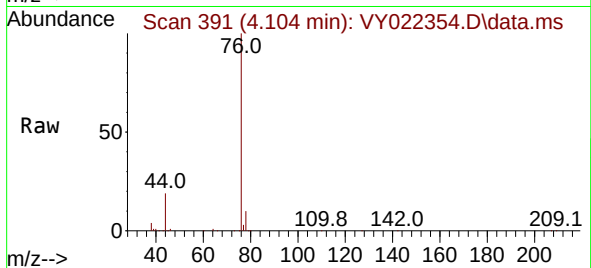
#17
Carbon Disulfide
Concen: 47.917 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY022354.D
Acq: 21 May 2025 09:33

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 29083
Ion Ratio Lower Upper
76 100
78 9.9 7.2 10.8

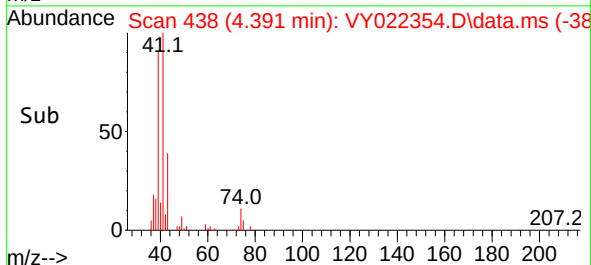
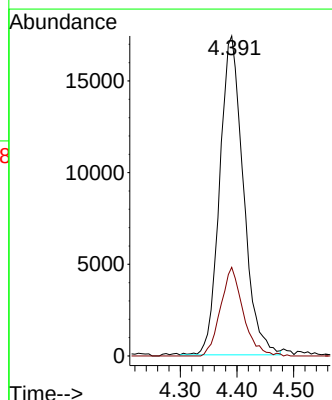
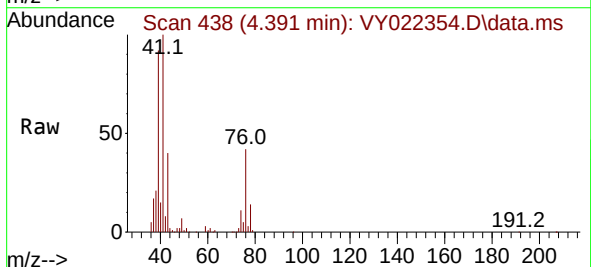
Manual Integrations
APPROVED

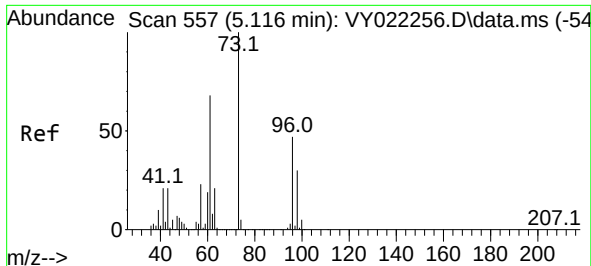
Reviewed By :Mahesh Dadoda 05/22/2025
Supervised By :Semsettin Yesilyurt 05/22/2025



#18
Methyl Acetate
Concen: 44.734 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY022354.D
Acq: 21 May 2025 09:33

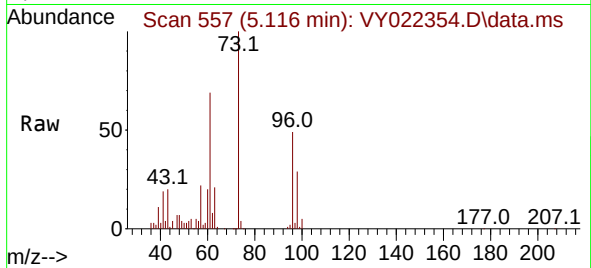
Tgt Ion: 43 Resp: 50294
Ion Ratio Lower Upper
43 100
74 26.7 18.2 27.4





#19
Methyl tert-butyl Ether
Concen: 47.825 ug/l
RT: 5.116 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY022354.D
Acq: 21 May 2025 09:33

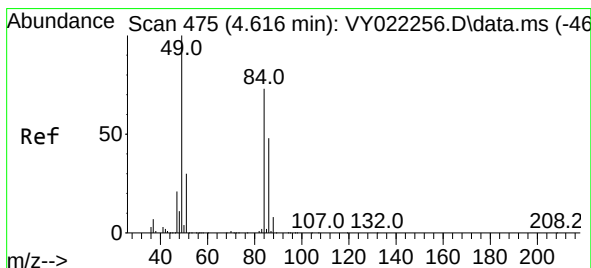
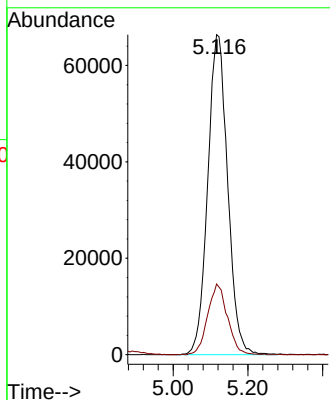
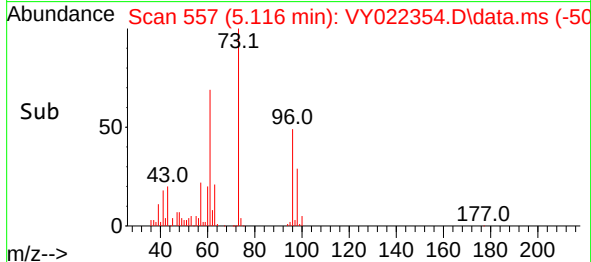
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



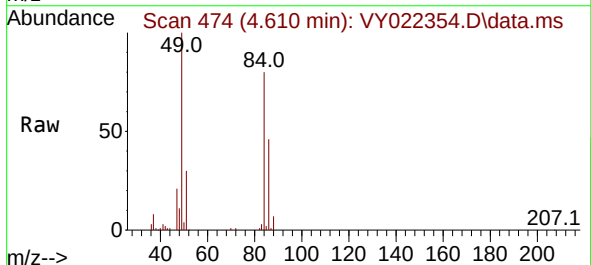
Tgt Ion: 73 Resp: 24544
Ion Ratio Lower Upper
73 100
57 22.1 18.6 28.0

Manual Integrations
APPROVED

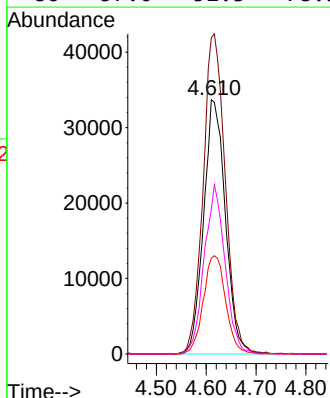
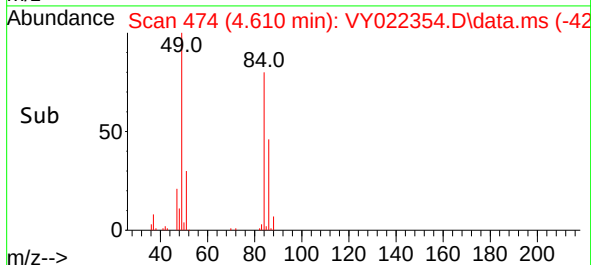
Reviewed By :Mahesh Dadoda 05/22/2025
Supervised By :Semsettin Yesilyurt 05/22/2025

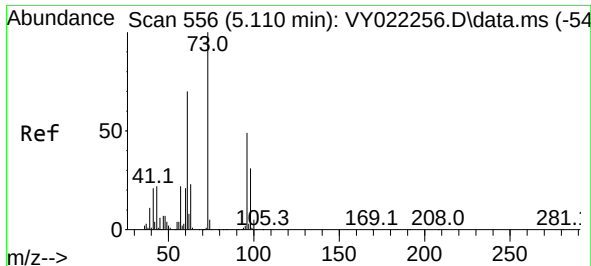


#20
Methylene Chloride
Concen: 44.450 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY022354.D
Acq: 21 May 2025 09:33



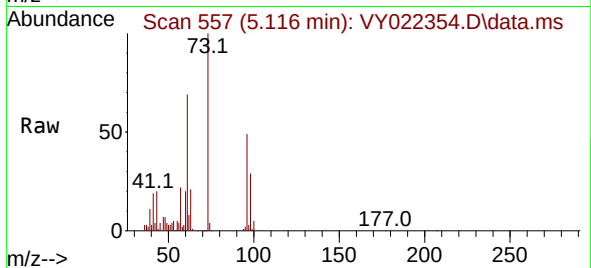
Tgt Ion: 84 Resp: 102418
Ion Ratio Lower Upper
84 100
49 124.2 109.6 164.4
51 37.7 32.4 48.6
86 57.0 52.3 78.5





#21
trans-1,2-Dichloroethene
Concen: 49.735 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY022354.D
Acq: 21 May 2025 09:33

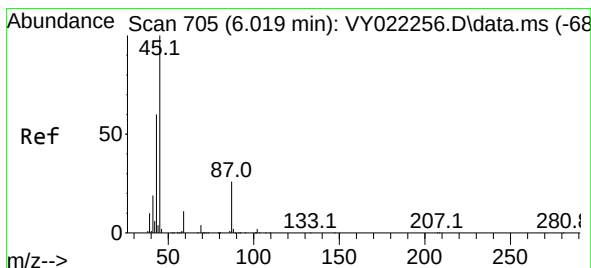
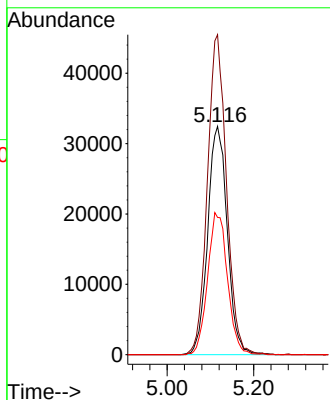
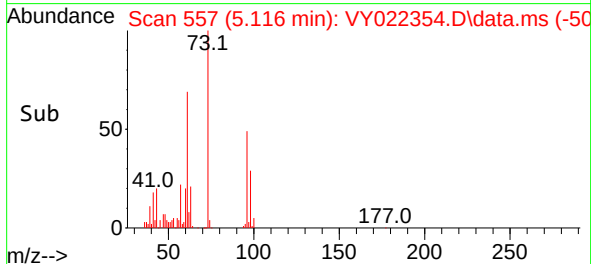
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



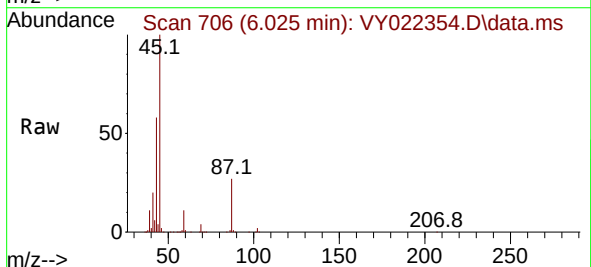
Tgt Ion: 96 Resp: 102179
Ion Ratio Lower Upper
96 100
61 140.2 113.4 170.0
98 60.2 50.9 76.3

Manual Integrations
APPROVED

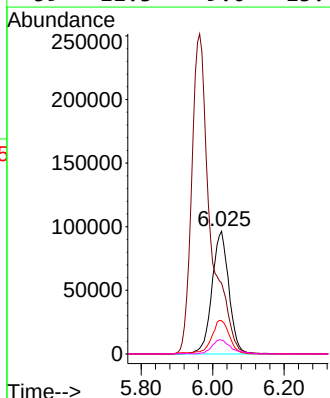
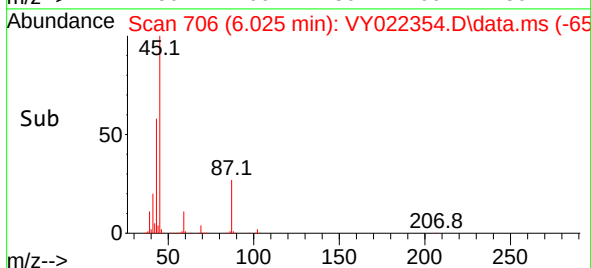
Reviewed By :Mahesh Dadoda 05/22/2025
Supervised By :Semsettin Yesilyurt 05/22/2025

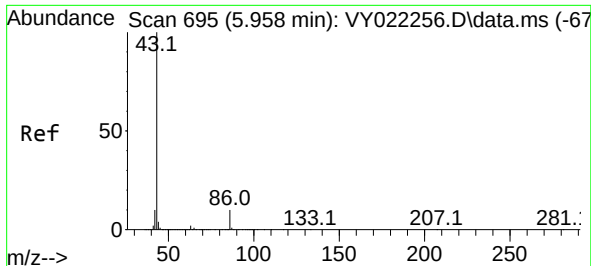


#22
Diisopropyl ether
Concen: 45.942 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY022354.D
Acq: 21 May 2025 09:33



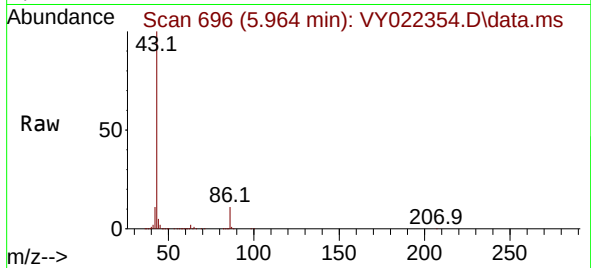
Tgt Ion: 45 Resp: 316632
Ion Ratio Lower Upper
45 100
43 57.4 48.2 72.2
87 27.0 21.4 32.0
59 11.3 9.0 13.4





#23
 Vinyl Acetate
 Concen: 217.328 ug/l
 RT: 5.964 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY022354.D
 Acq: 21 May 2025 09:33

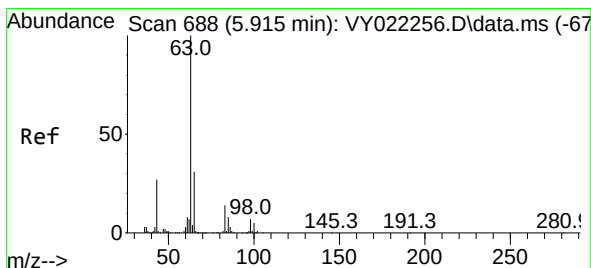
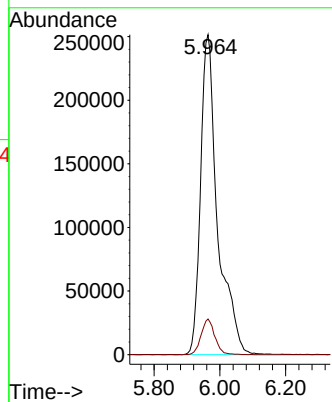
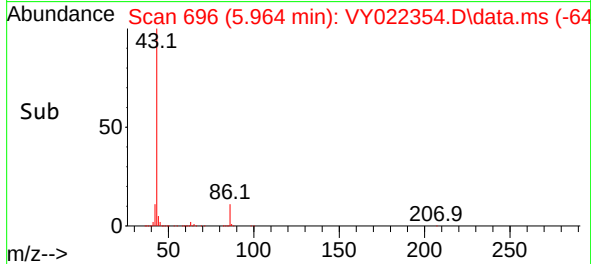
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



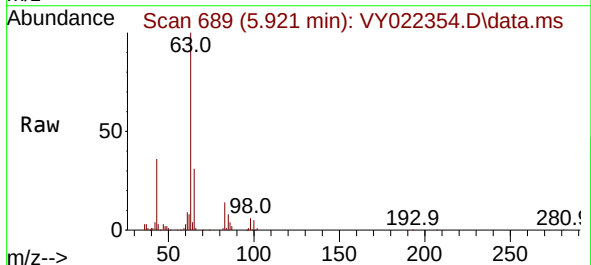
Tgt Ion: 43 Resp: 90489
 Ion Ratio Lower Upper
 43 100
 86 11.2 7.8 11.8

Manual Integrations
 APPROVED

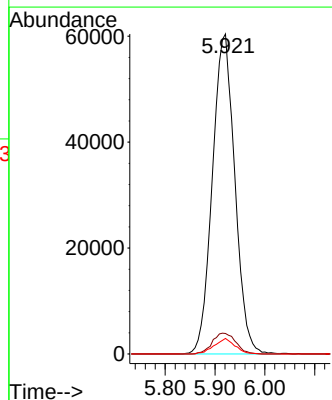
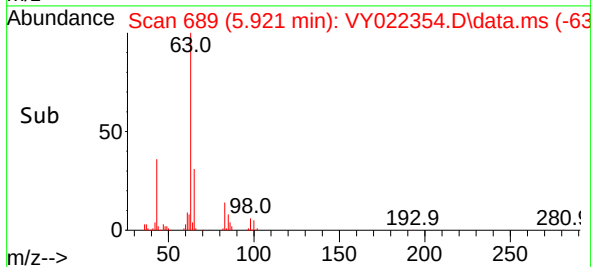
Reviewed By :Mahesh Dadoda 05/22/2025
 Supervised By :Semsettin Yesilyurt 05/22/2025

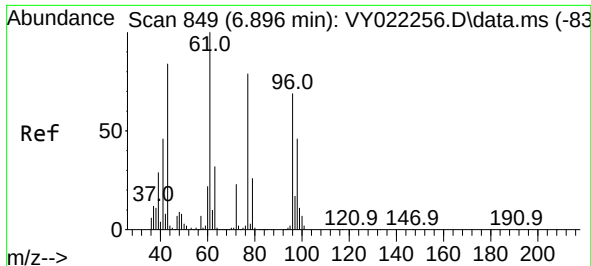


#24
 1,1-Dichloroethane
 Concen: 49.083 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY022354.D
 Acq: 21 May 2025 09:33



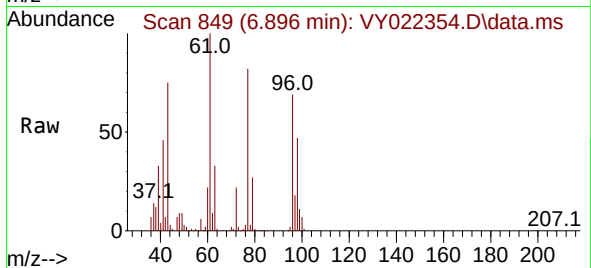
Tgt Ion: 63 Resp: 188990
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.5 10.5
 100 4.8 2.4 7.2





#25
2-Butanone
Concen: 204.563 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY022354.D
Acq: 21 May 2025 09:33

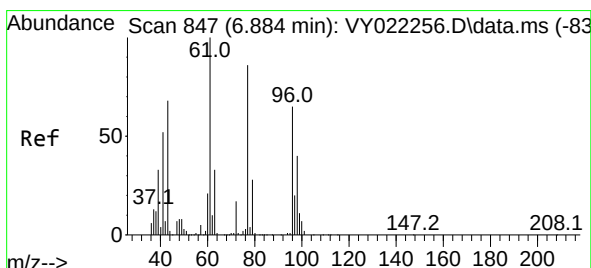
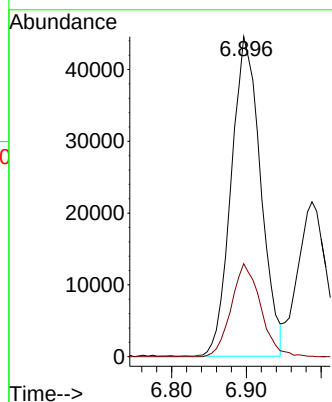
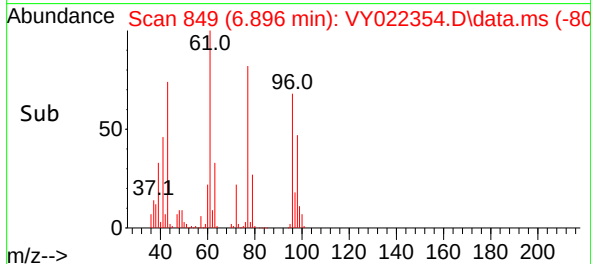
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



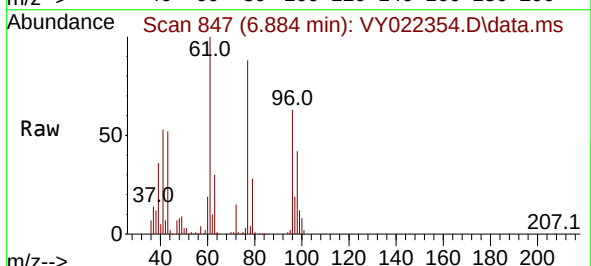
Tgt Ion: 43 Resp: 122015
Ion Ratio Lower Upper
43 100
72 29.1 22.1 33.1

Manual Integrations
APPROVED

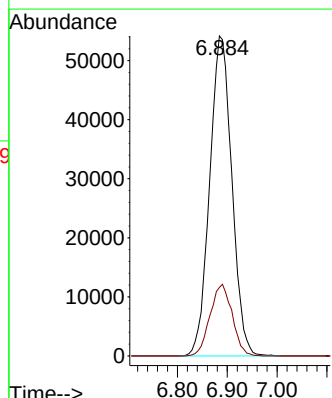
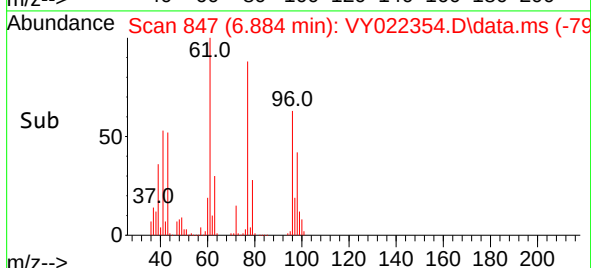
Reviewed By :Mahesh Dadoda 05/22/2025
Supervised By :Semsettin Yesilyurt 05/22/2025

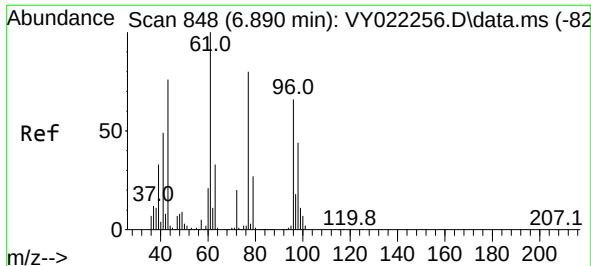


#26
2,2-Dichloropropane
Concen: 48.841 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY022354.D
Acq: 21 May 2025 09:33



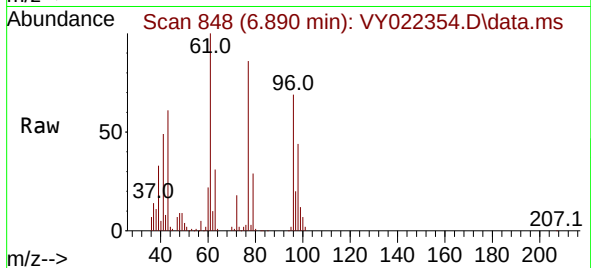
Tgt Ion: 77 Resp: 167265
Ion Ratio Lower Upper
77 100
97 22.4 11.2 33.5





#27
 cis-1,2-Dichloroethene
 Concen: 49.913 ug/l
 RT: 6.890 min Scan# 848
 Delta R.T. 0.000 min
 Lab File: VY022354.D
 Acq: 21 May 2025 09:33

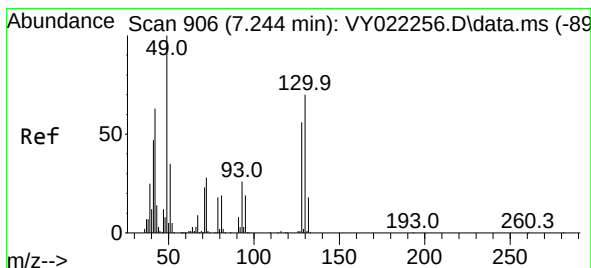
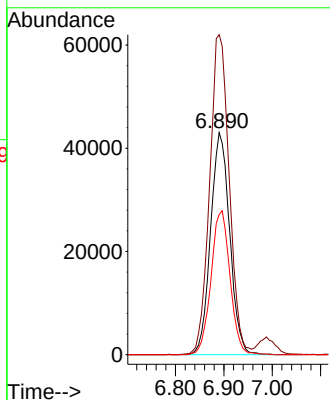
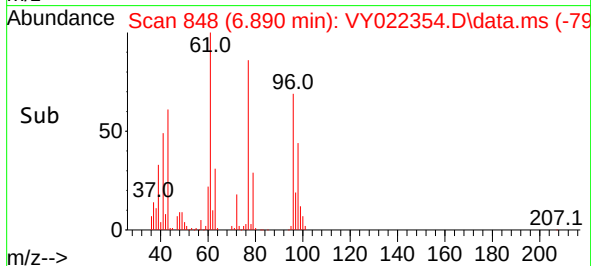
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 118334
 Ion Ratio Lower Upper
 96 100
 61 147.4 0.0 302.6
 98 64.4 0.0 128.8

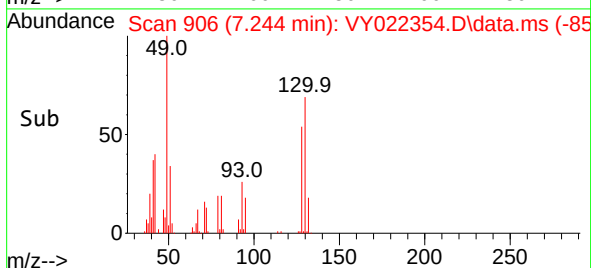
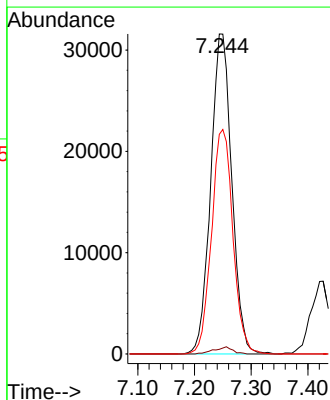
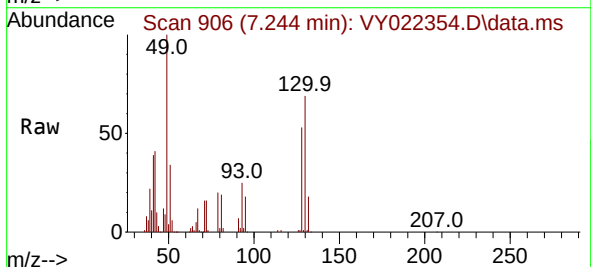
Manual Integrations
 APPROVED

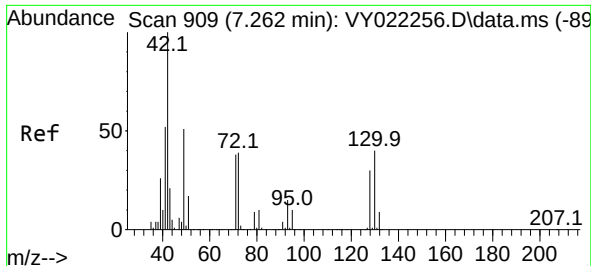
Reviewed By :Mahesh Dadoda 05/22/2025
 Supervised By :Semsettin Yesilyurt 05/22/2025



#28
 Bromochloromethane
 Concen: 49.644 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. 0.000 min
 Lab File: VY022354.D
 Acq: 21 May 2025 09:33

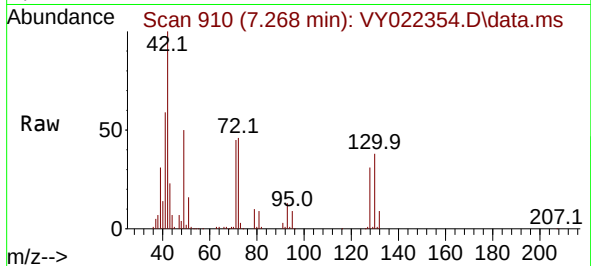
Tgt Ion: 49 Resp: 81534
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 3.6
 130 71.1 54.7 82.1





#29
Tetrahydrofuran
Concen: 214.534 ug/l
RT: 7.268 min Scan# 910
Delta R.T. 0.006 min
Lab File: VY022354.D
Acq: 21 May 2025 09:33

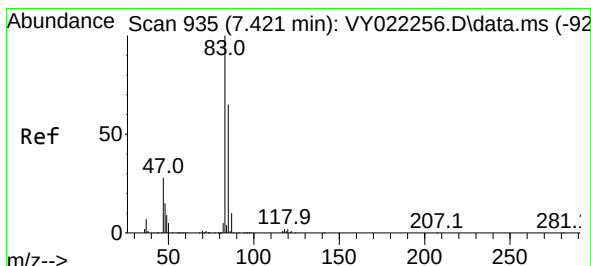
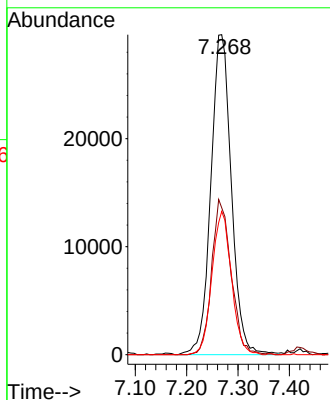
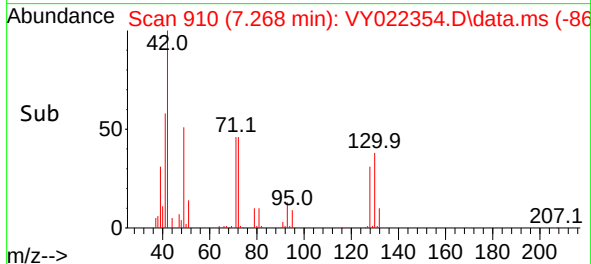
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



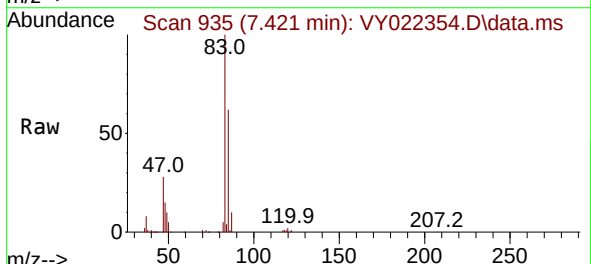
Tgt Ion: 42 Resp: 82329
Ion Ratio Lower Upper
42 100
72 45.9 33.8 50.6
71 42.5 31.5 47.3

Manual Integrations
APPROVED

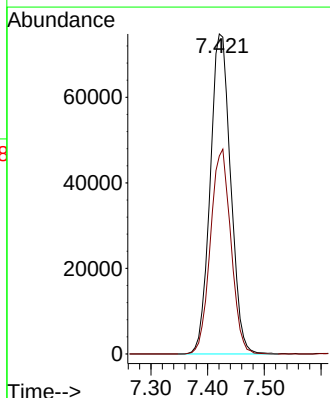
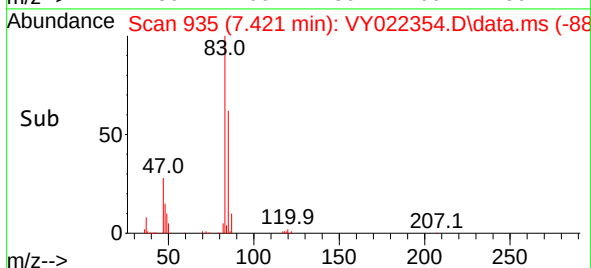
Reviewed By :Mahesh Dadoda 05/22/2025
Supervised By :Semsettin Yesilyurt 05/22/2025

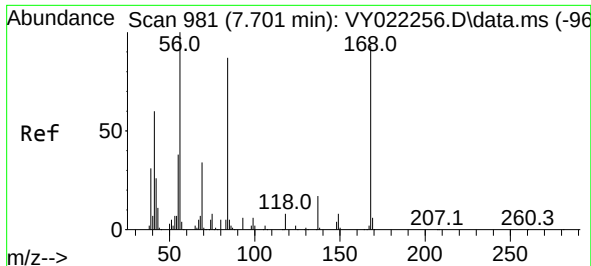


#30
Chloroform
Concen: 50.694 ug/l
RT: 7.421 min Scan# 935
Delta R.T. 0.000 min
Lab File: VY022354.D
Acq: 21 May 2025 09:33



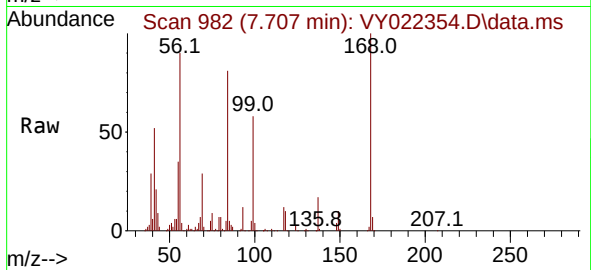
Tgt Ion: 83 Resp: 187229
Ion Ratio Lower Upper
83 100
85 61.8 51.8 77.8





#31
Cyclohexane
Concen: 44.142 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY022354.D
Acq: 21 May 2025 09:33

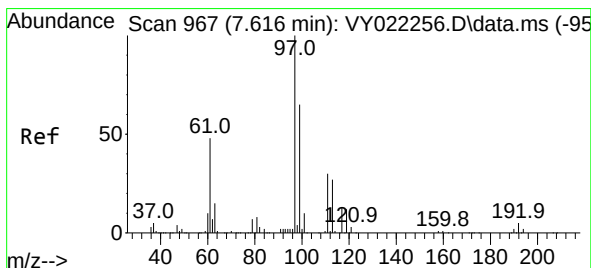
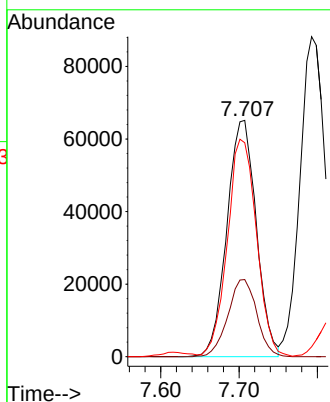
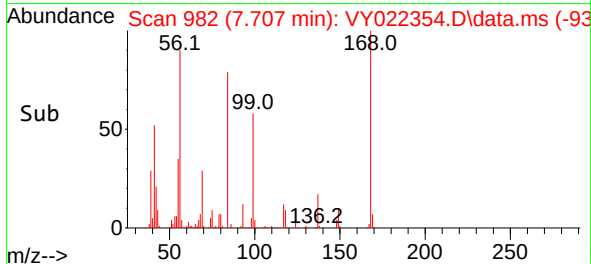
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



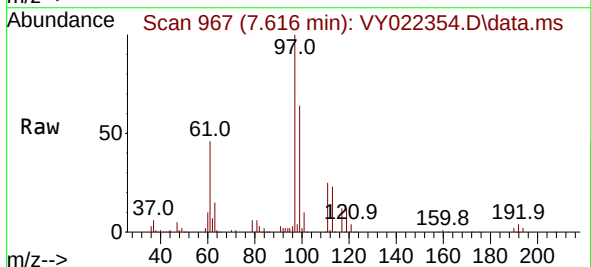
Tgt Ion: 56 Resp: 16982
Ion Ratio Lower Upper
56 100
69 32.6 27.4 41.2
84 88.8 70.0 105.0

Manual Integrations
APPROVED

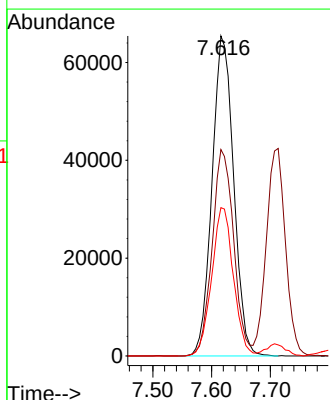
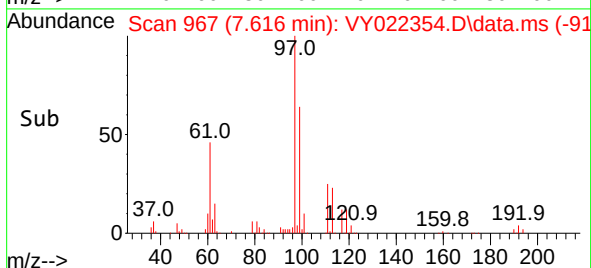
Reviewed By :Mahesh Dadoda 05/22/2025
Supervised By :Semsettin Yesilyurt 05/22/2025

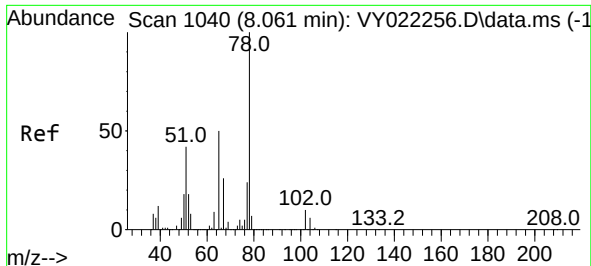


#32
1,1,1-Trichloroethane
Concen: 49.246 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY022354.D
Acq: 21 May 2025 09:33



Tgt Ion: 97 Resp: 166864
Ion Ratio Lower Upper
97 100
99 64.6 51.4 77.0
61 46.7 38.1 57.1





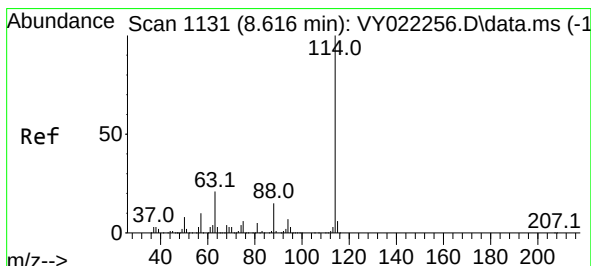
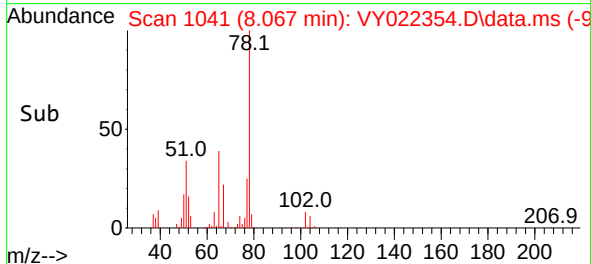
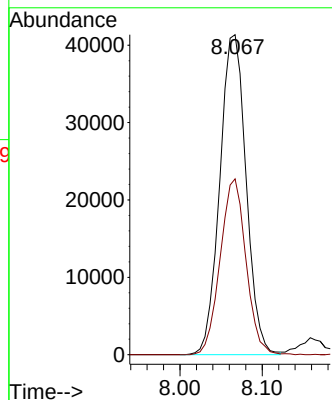
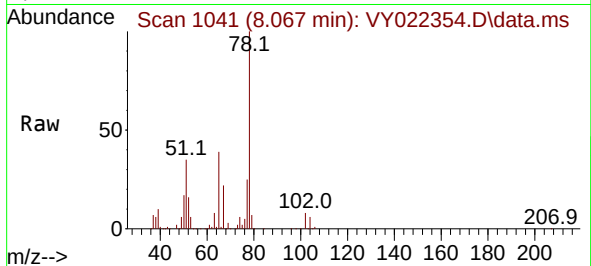
#33
1,2-Dichloroethane-d4
Concen: 48.424 ug/l
RT: 8.067 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY022354.D
Acq: 21 May 2025 09:33

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 65 Resp: 92089
Ion Ratio Lower Upper
65 100
67 53.8 0.0 104.6

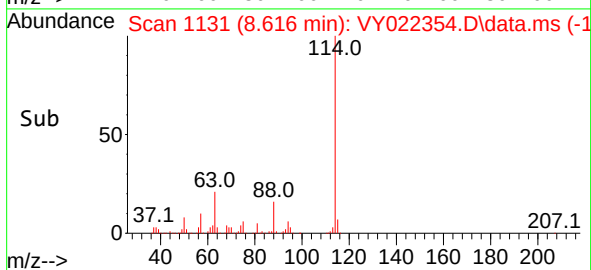
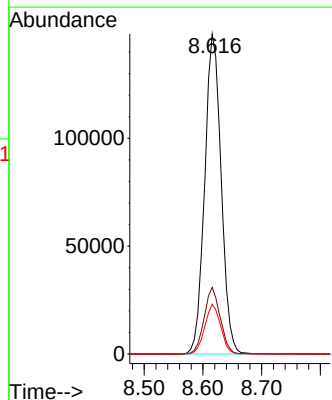
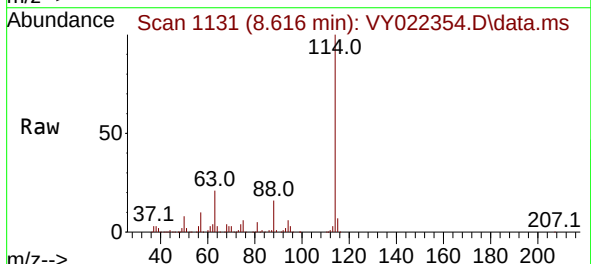
Manual Integrations
APPROVED

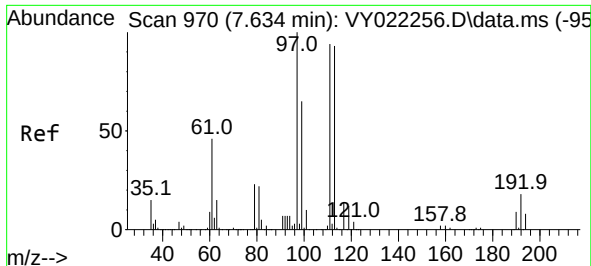
Reviewed By :Mahesh Dadoda 05/22/2025
Supervised By :Semsettin Yesilyurt 05/22/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY022354.D
Acq: 21 May 2025 09:33

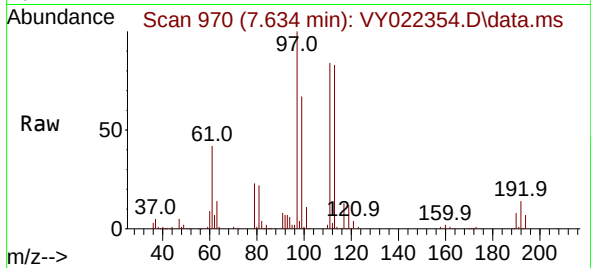
Tgt Ion:114 Resp: 289031
Ion Ratio Lower Upper
114 100
63 20.8 0.0 41.0
88 15.6 0.0 29.4





#35
Dibromofluoromethane
Concen: 51.177 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022354.D
Acq: 21 May 2025 09:33

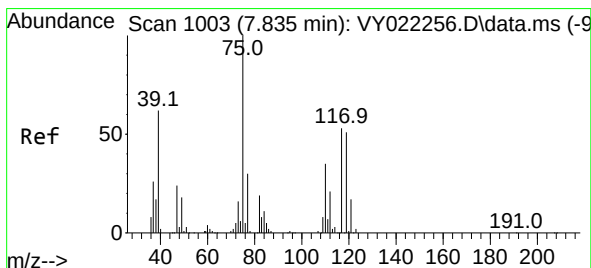
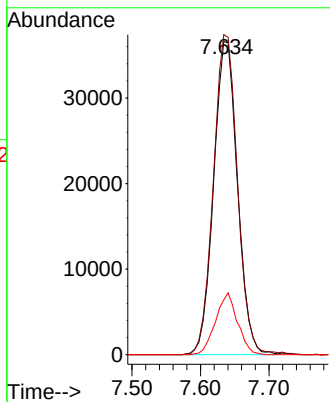
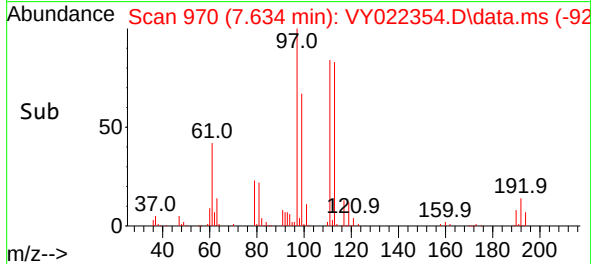
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



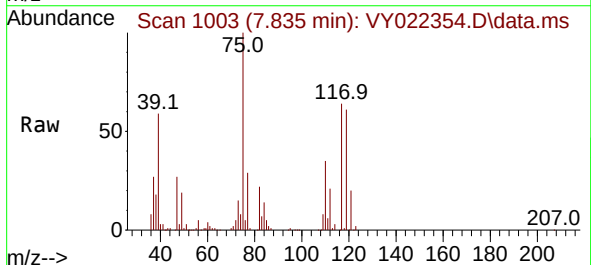
Tgt Ion:113 Resp: 8828
Ion Ratio Lower Upper
113 100
111 103.3 82.6 123.8
192 18.1 15.2 22.8

Manual Integrations
APPROVED

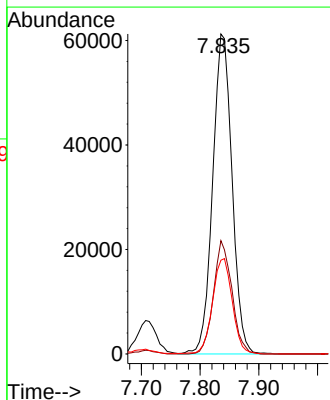
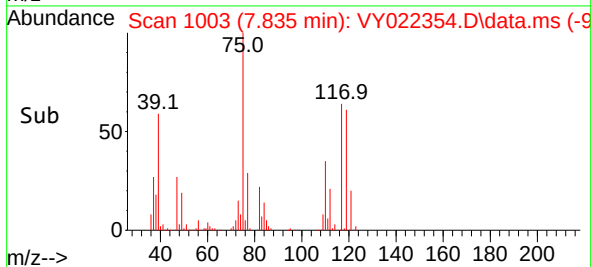
Reviewed By :Mahesh Dadoda 05/22/2025
Supervised By :Semsettin Yesilyurt 05/22/2025

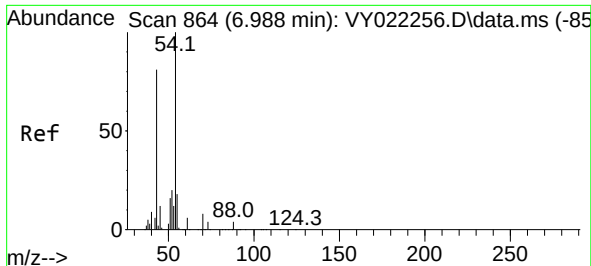


#36
1,1-Dichloropropene
Concen: 49.365 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY022354.D
Acq: 21 May 2025 09:33



Tgt Ion: 75 Resp: 140269
Ion Ratio Lower Upper
75 100
110 33.7 16.6 49.8
77 30.3 24.6 37.0





#37

Ethyl Acetate

Concen: 43.679 ug/l

RT: 6.988 min Scan# 80

Delta R.T. 0.000 min

Lab File: VY022354.D

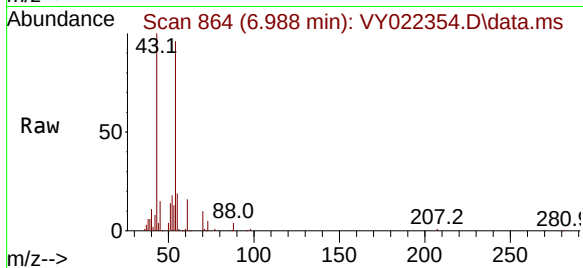
Acq: 21 May 2025 09:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

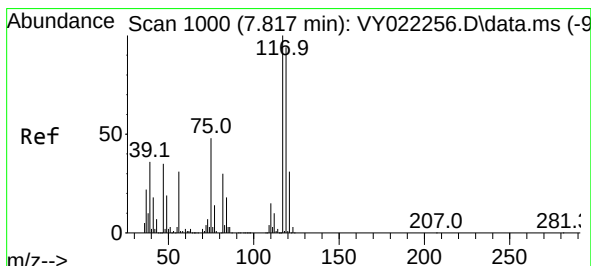
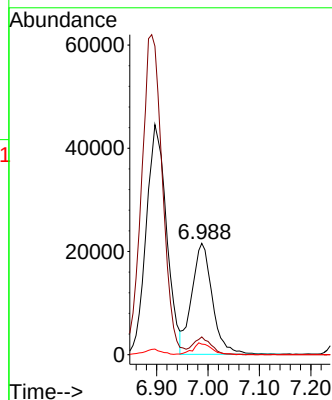
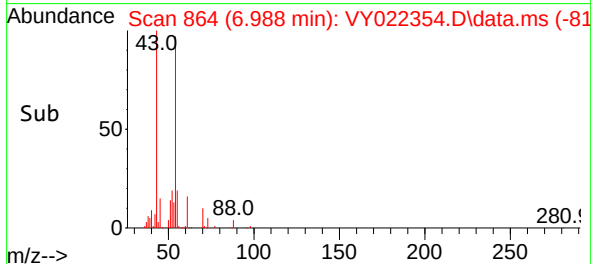


Tgt Ion:	43	Resp:	5971
Ion	Ratio	Lower	Upper
43	100		
61	13.9	10.2	15.2
70	9.5	7.6	11.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/22/2025
Supervised By :Semsettin Yesilyurt 05/22/2025



#38

Carbon Tetrachloride

Concen: 49.502 ug/l

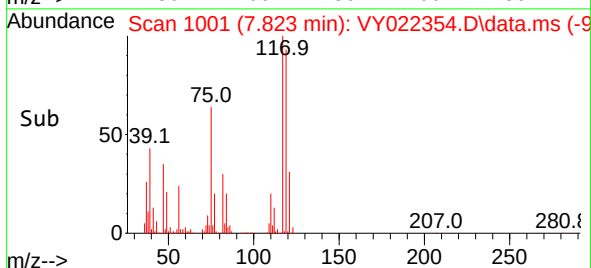
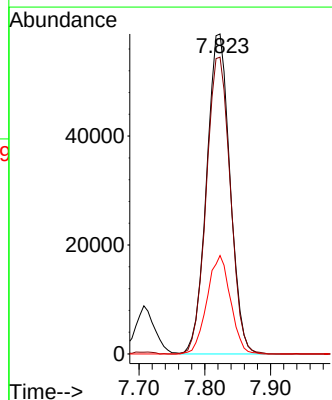
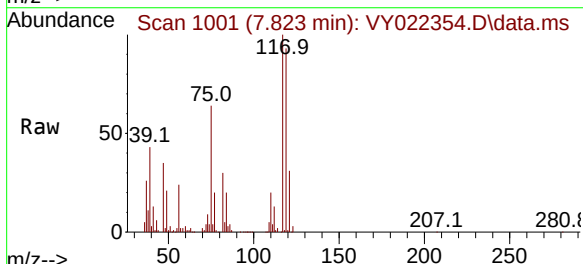
RT: 7.823 min Scan# 1001

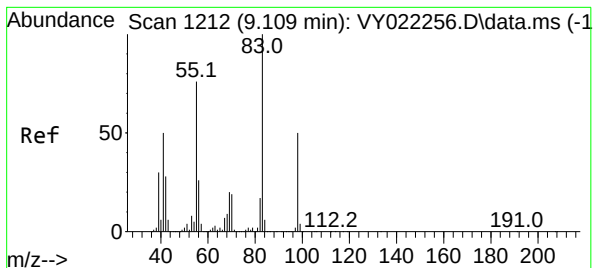
Delta R.T. 0.006 min

Lab File: VY022354.D

Acq: 21 May 2025 09:33

Tgt Ion:	117	Resp:	145598
Ion	Ratio	Lower	Upper
117	100		
119	92.8	75.3	112.9
121	30.7	24.7	37.1





#39

Methylcyclohexane

Concen: 47.420 ug/l

RT: 9.109 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY022354.D

Acq: 21 May 2025 09:33

Instrument :

MSVOA_Y

ClientSampleId :

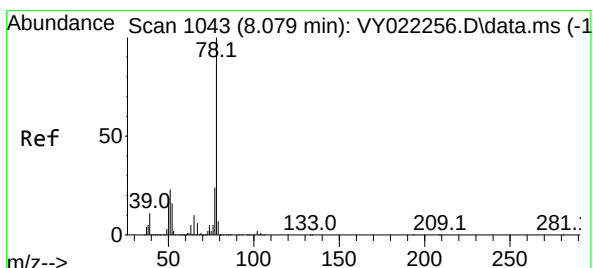
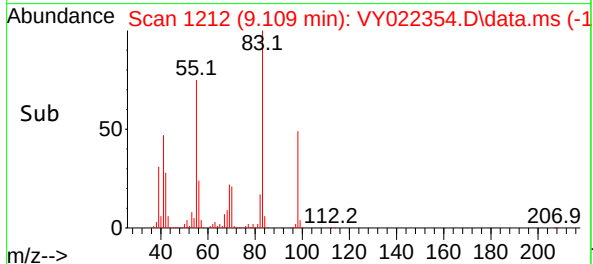
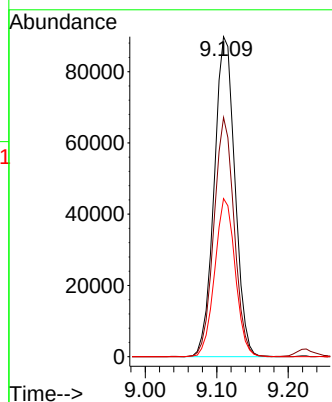
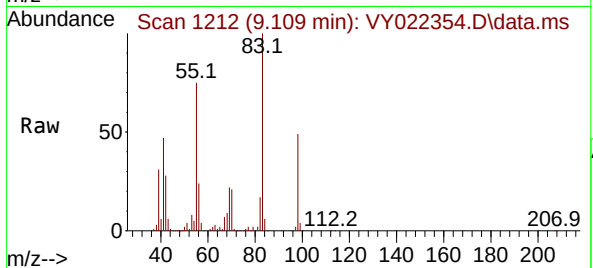
VSTDCCC050

Tgt Ion: 83 Resp: 181025
 Ion Ratio Lower Upper
 83 100
 55 74.7 60.6 90.8
 98 49.4 40.0 60.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/22/2025
 Supervised By :Semsettin Yesilyurt 05/22/2025



#40

Benzene

Concen: 50.165 ug/l

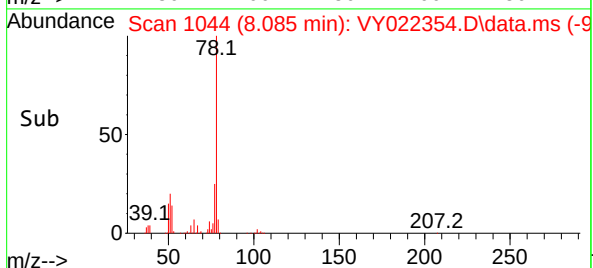
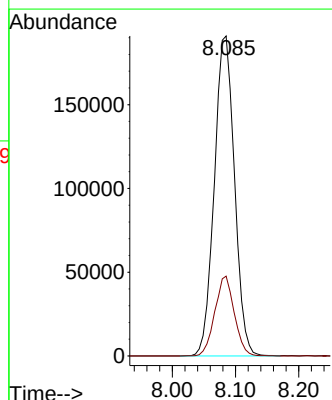
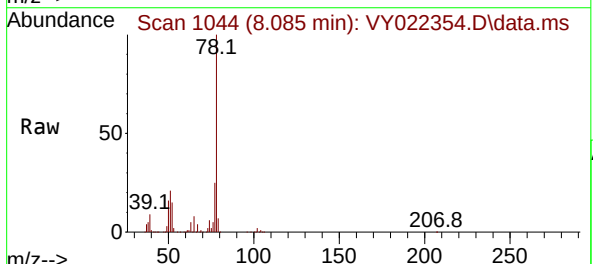
RT: 8.085 min Scan# 1044

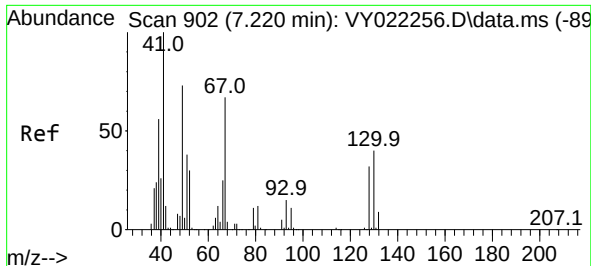
Delta R.T. 0.006 min

Lab File: VY022354.D

Acq: 21 May 2025 09:33

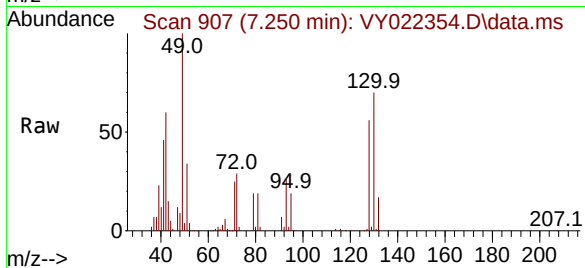
Tgt Ion: 78 Resp: 422563
 Ion Ratio Lower Upper
 78 100
 77 24.9 18.9 28.3





#41
Methacrylonitrile
Concen: 45.320 ug/l m
RT: 7.250 min Scan# 902
Delta R.T. 0.030 min
Lab File: VY022354.D
Acq: 21 May 2025 09:33

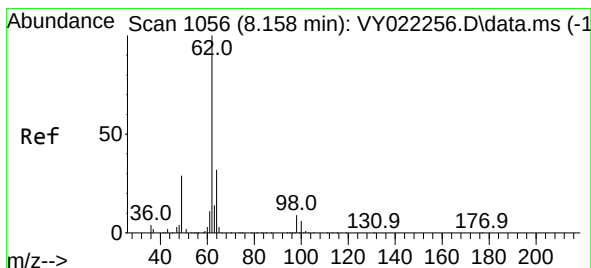
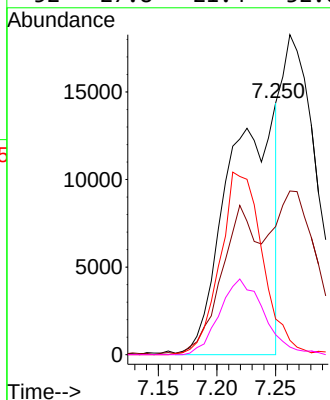
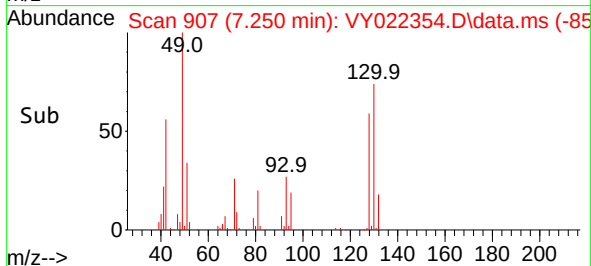
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 41100
Ion Ratio Lower Upper
41 100
39 45.2 39.1 58.7
67 64.7 47.1 70.7
52 27.8 21.4 32.0

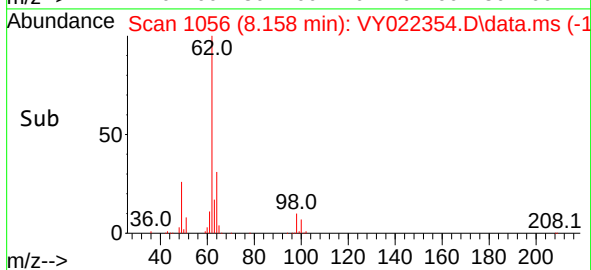
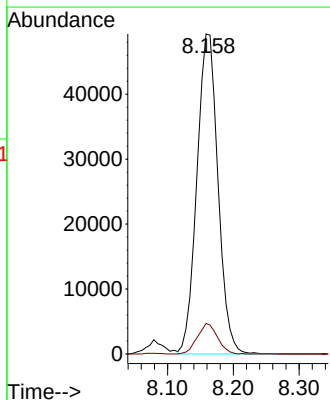
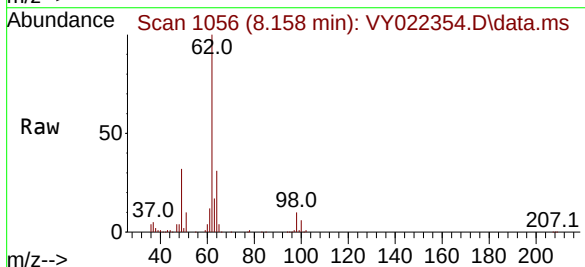
Manual Integrations
APPROVED

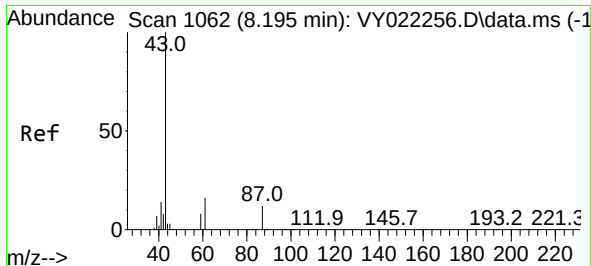
Reviewed By :Mahesh Dadoda 05/22/2025
Supervised By :Semsettin Yesilyurt 05/22/2025



#42
1,2-Dichloroethane
Concen: 48.215 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY022354.D
Acq: 21 May 2025 09:33

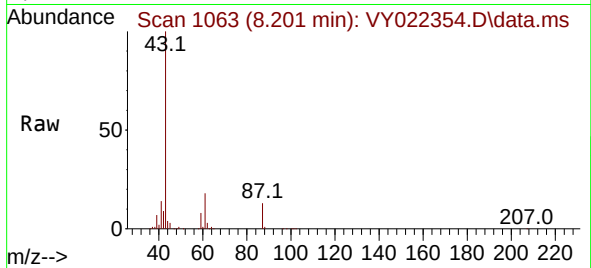
Tgt Ion: 62 Resp: 109831
Ion Ratio Lower Upper
62 100
98 9.1 0.0 18.4





#43
Isopropyl Acetate
Concen: 43.552 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VY022354.D
Acq: 21 May 2025 09:33

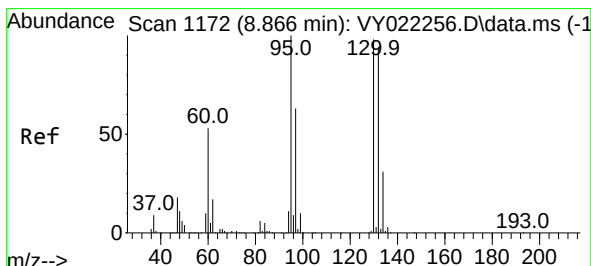
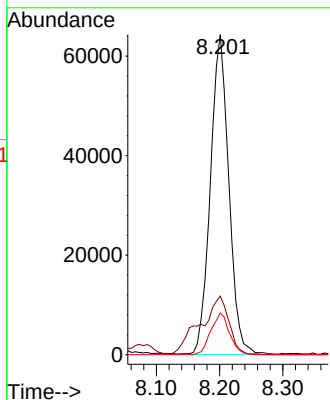
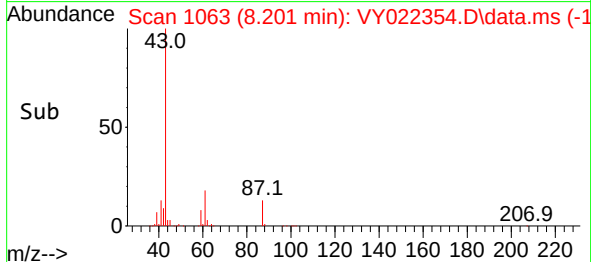
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



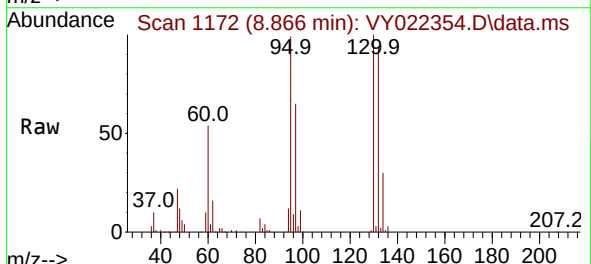
Tgt Ion: 43 Resp: 129850
Ion Ratio Lower Upper
43 100
61 28.5 15.1 22.7
87 13.1 9.7 14.5

Manual Integrations
APPROVED

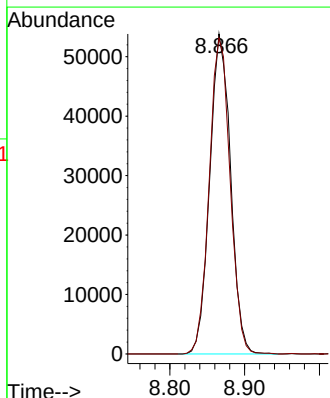
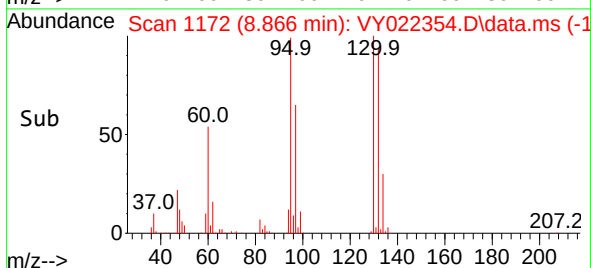
Reviewed By :Mahesh Dadoda 05/22/2025
Supervised By :Semsettin Yesilyurt 05/22/2025

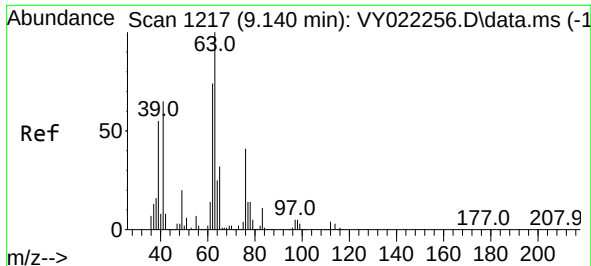


#44
Trichloroethene
Concen: 49.826 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY022354.D
Acq: 21 May 2025 09:33



Tgt Ion:130 Resp: 104360
Ion Ratio Lower Upper
130 100
95 98.7 0.0 204.8





#45

1,2-Dichloropropane

Concen: 48.909 ug/l

RT: 9.146 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VY022354.D

Acq: 21 May 2025 09:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 9932

Ion Ratio Lower Upper

63 100

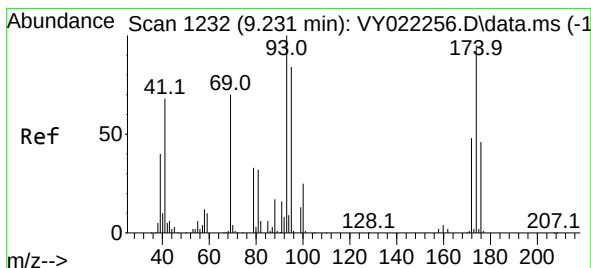
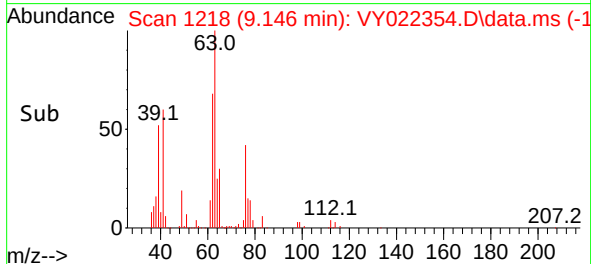
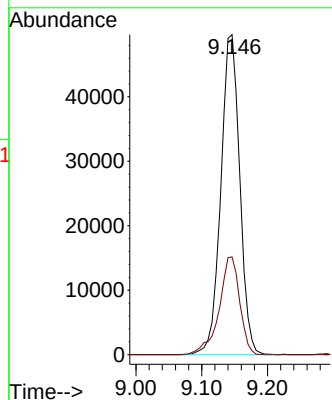
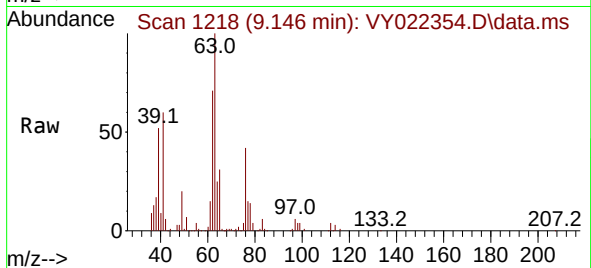
65 30.6 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/22/2025

Supervised By :Semsettin Yesilyurt 05/22/2025



#46

Dibromomethane

Concen: 48.453 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY022354.D

Acq: 21 May 2025 09:33

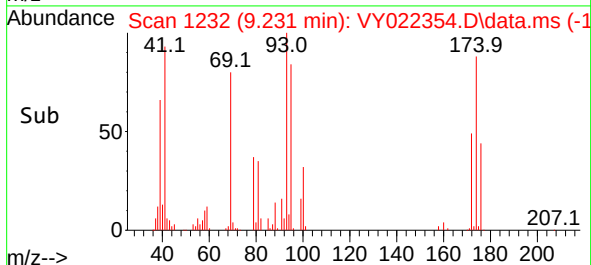
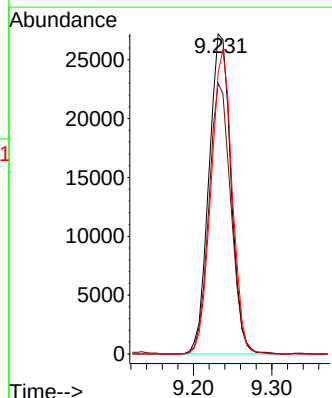
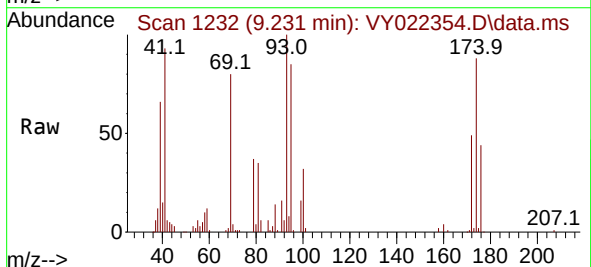
Tgt Ion: 93 Resp: 53073

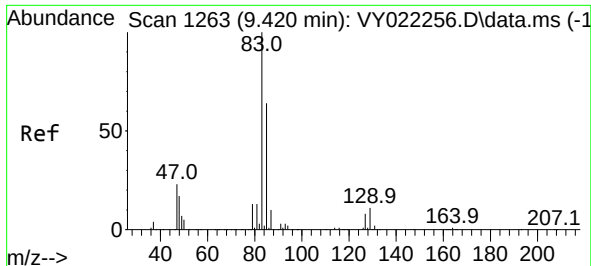
Ion Ratio Lower Upper

93 100

95 84.4 65.2 97.8

174 91.4 74.3 111.5





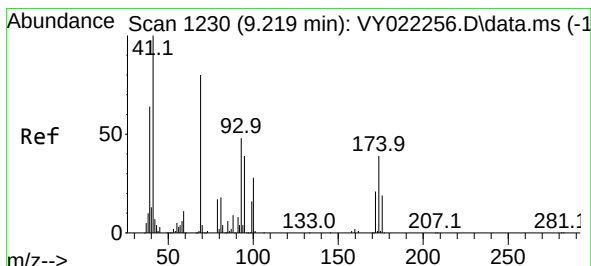
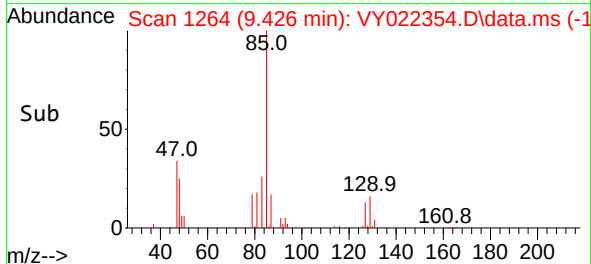
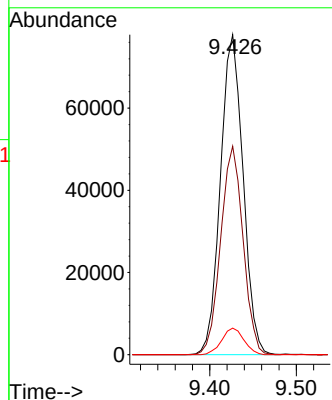
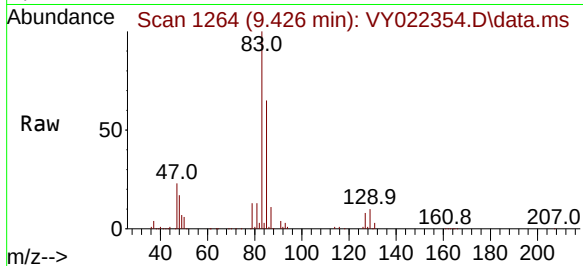
#47
Bromodichloromethane
Concen: 49.674 ug/l
RT: 9.426 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VY022354.D
Acq: 21 May 2025 09:33

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 14115
Ion Ratio Lower Upper
83 100
85 65.1 51.1 76.7
127 8.3 6.6 10.0

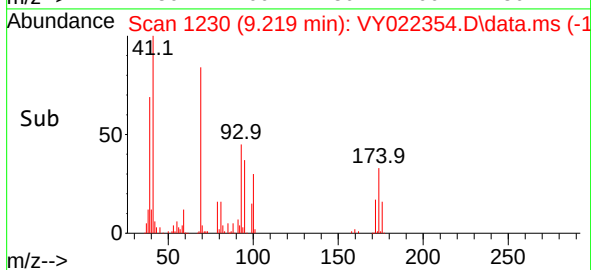
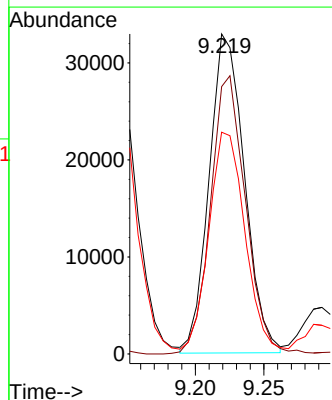
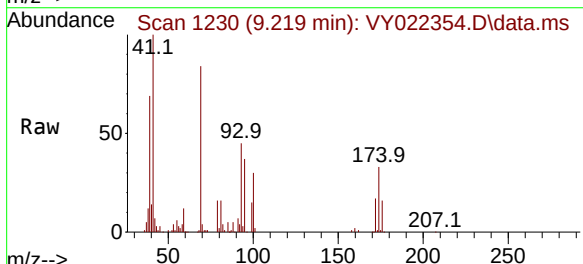
Manual Integrations
APPROVED

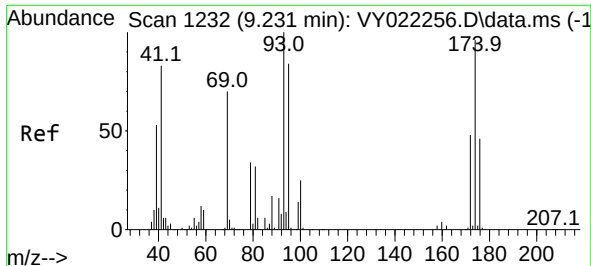
Reviewed By :Mahesh Dadoda 05/22/2025
Supervised By :Semsettin Yesilyurt 05/22/2025



#48
Methyl methacrylate
Concen: 42.365 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY022354.D
Acq: 21 May 2025 09:33

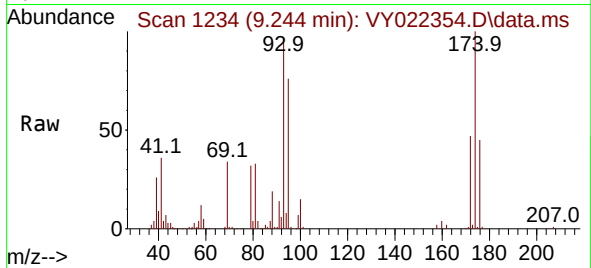
Tgt Ion: 41 Resp: 59073
Ion Ratio Lower Upper
41 100
69 86.4 63.5 95.3
39 68.4 50.8 76.2





#49
1,4-Dioxane
Concen: 924.183 ug/l
RT: 9.244 min Scan# 11436
Delta R.T. 0.012 min
Lab File: VY022354.D
Acq: 21 May 2025 09:33

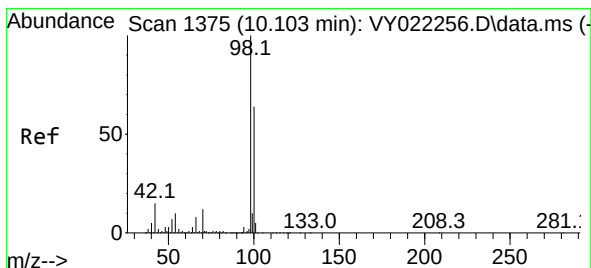
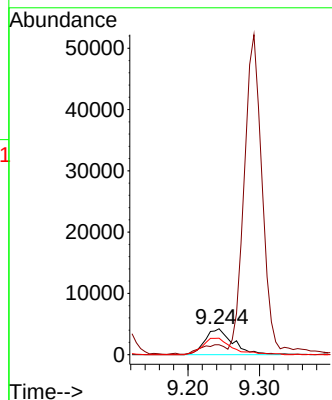
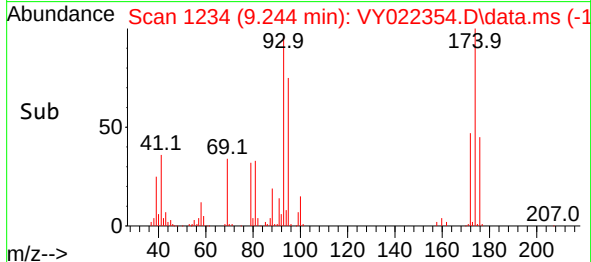
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 11436
Ion Ratio Lower Upper
88 100
43 32.9 28.5 42.7
58 67.4 61.4 92.2

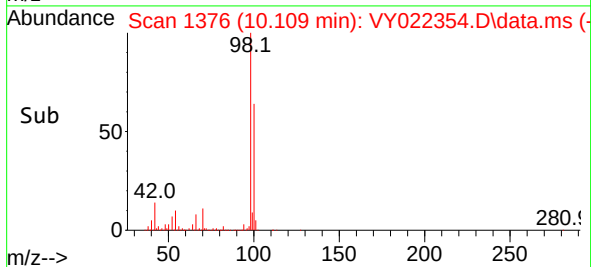
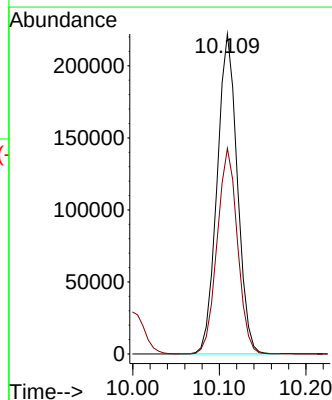
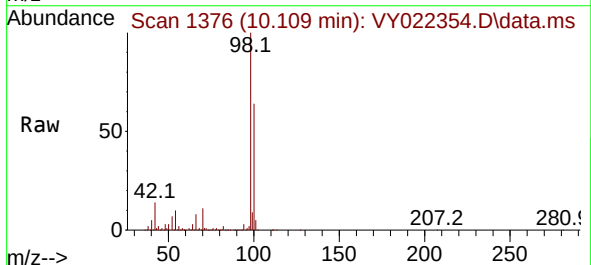
Manual Integrations
APPROVED

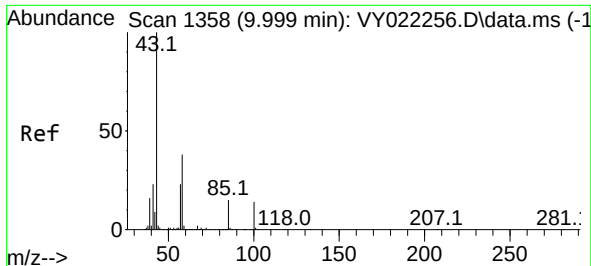
Reviewed By :Mahesh Dadoda 05/22/2025
Supervised By :Semsettin Yesilyurt 05/22/2025



#50
Toluene-d8
Concen: 51.005 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY022354.D
Acq: 21 May 2025 09:33

Tgt Ion: 98 Resp: 360363
Ion Ratio Lower Upper
98 100
100 64.6 51.8 77.8





#51

4-Methyl-2-Pentanone

Concen: 215.658 ug/l

RT: 9.999 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VY022354.D

Acq: 21 May 2025 09:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 31550

Ion Ratio Lower Upper

43 100

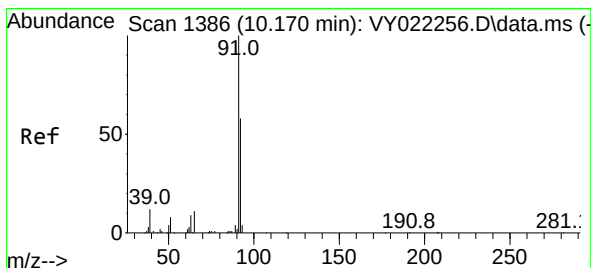
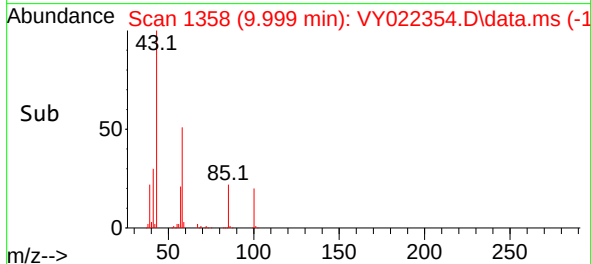
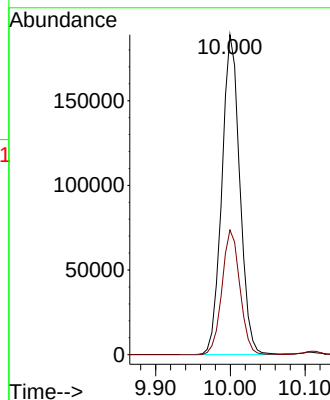
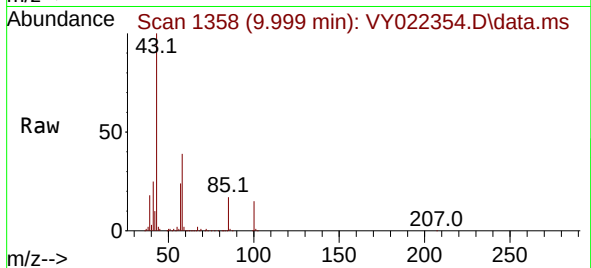
58 39.0 29.4 44.2

Manual Integrations

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Reviewed By :Mahesh Dadoda 05/22/2025

Supervised By :Semsettin Yesilyurt 05/22/2025



#52

Toluene

Concen: 49.142 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY022354.D

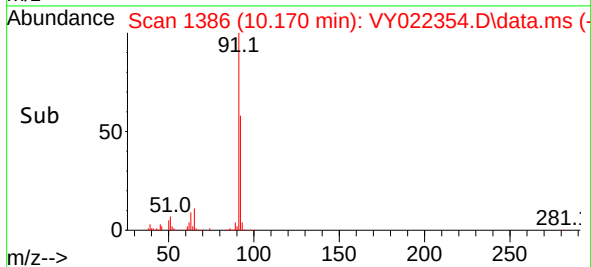
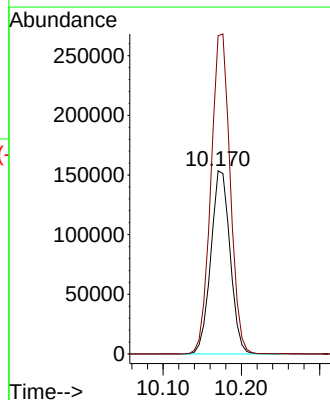
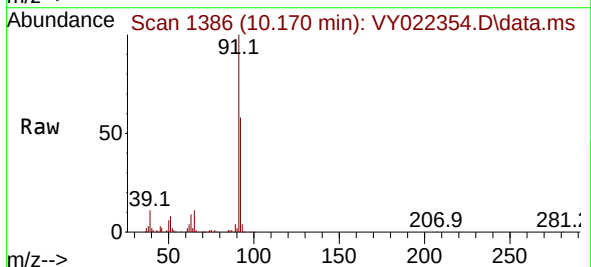
Acq: 21 May 2025 09:33

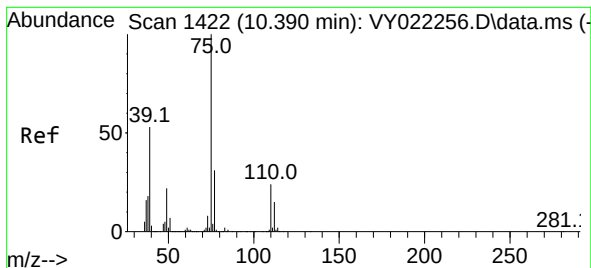
Tgt Ion: 92 Resp: 262126

Ion Ratio Lower Upper

92 100

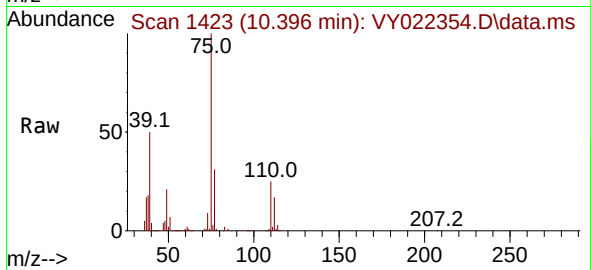
91 175.2 139.1 208.7





#53
t-1,3-Dichloropropene
Concen: 47.352 ug/l
RT: 10.396 min Scan# 1422
Delta R.T. 0.006 min
Lab File: VY022354.D
Acq: 21 May 2025 09:33

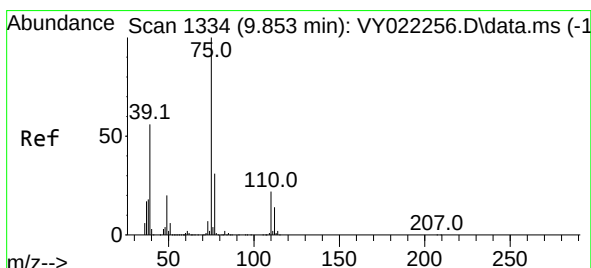
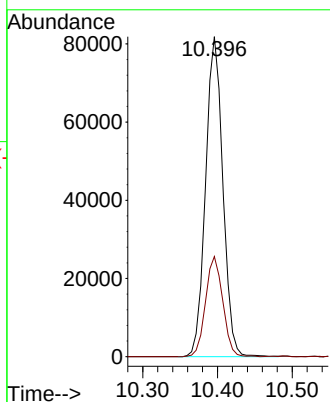
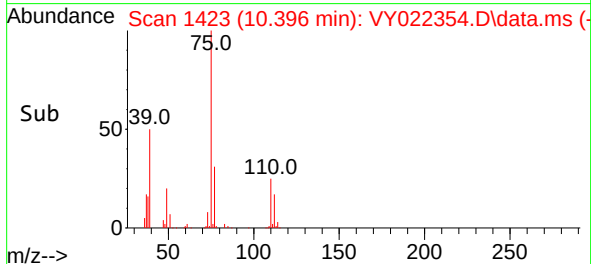
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



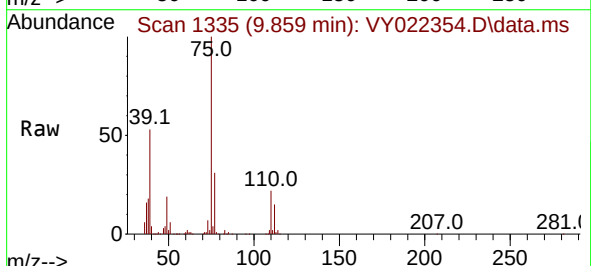
Tgt Ion: 75 Resp: 131314
Ion Ratio Lower Upper
75 100
77 31.3 25.0 37.6

Manual Integrations
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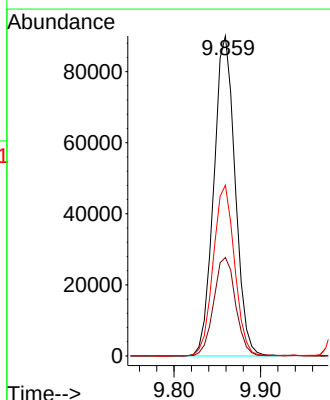
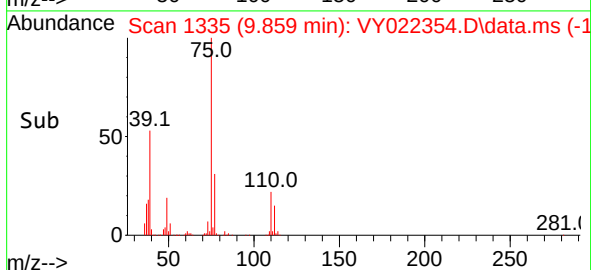
Reviewed By :Mahesh Dadoda 05/22/2025
Supervised By :Semsettin Yesilyurt 05/22/2025

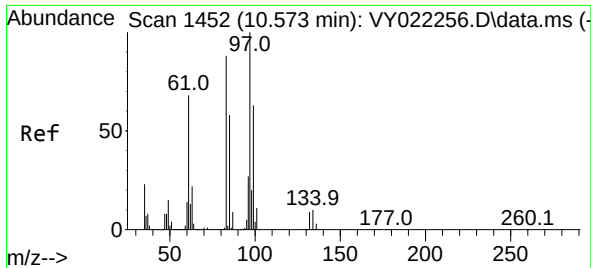


#54
cis-1,3-Dichloropropene
Concen: 48.401 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.006 min
Lab File: VY022354.D
Acq: 21 May 2025 09:33



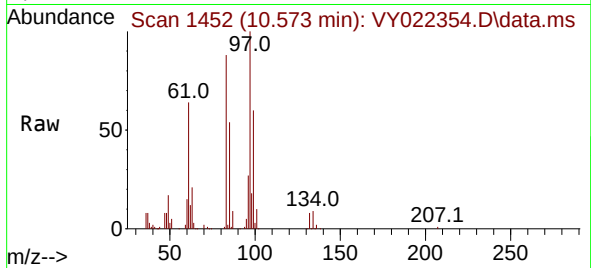
Tgt Ion: 75 Resp: 153782
Ion Ratio Lower Upper
75 100
77 30.7 25.1 37.7
39 53.2 44.5 66.7





#55
1,1,2-Trichloroethane
Concen: 49.332 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY022354.D
Acq: 21 May 2025 09:33

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

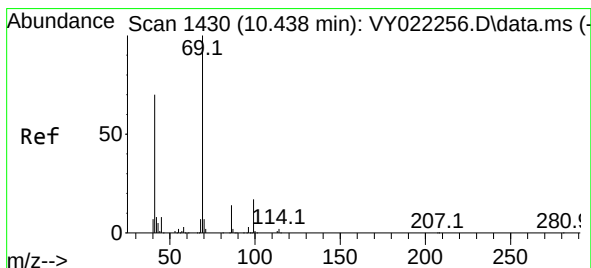
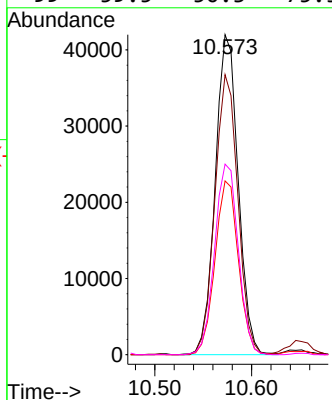
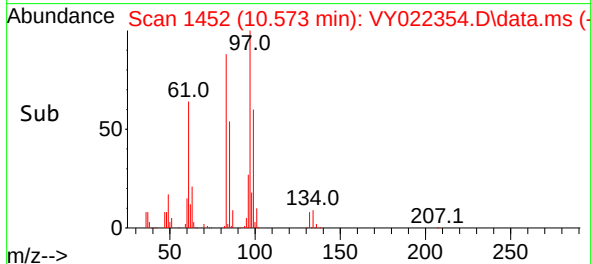


Tgt Ion: 97 Resp: 69194

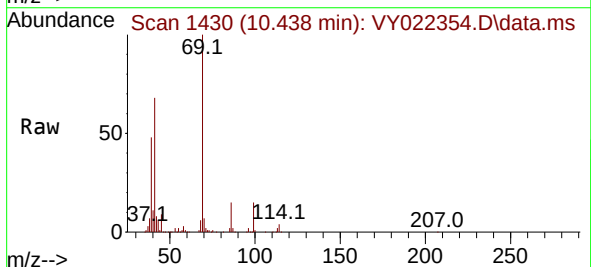
Ion	Ratio	Lower	Upper
97	100		
83	87.5	70.3	105.5
85	54.3	46.2	69.4
99	59.5	50.3	75.5

Manual Integrations
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Reviewed By :Mahesh Dadoda 05/22/2025
Supervised By :Semsettin Yesilyurt 05/22/2025

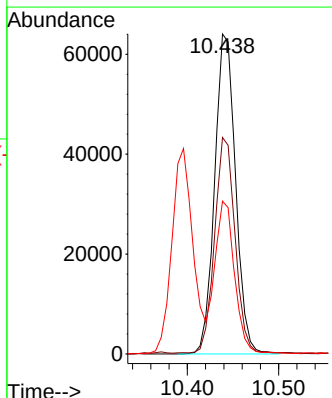
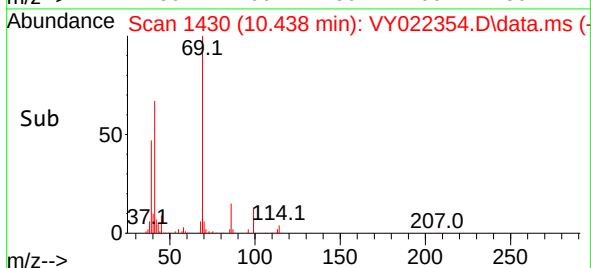


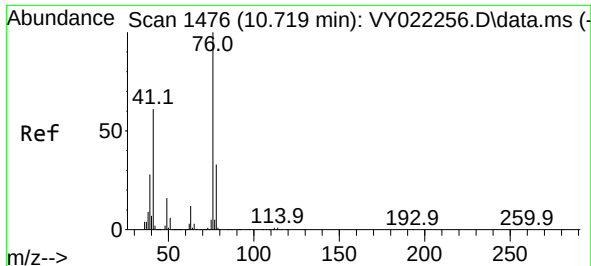
#56
Ethyl methacrylate
Concen: 46.616 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY022354.D
Acq: 21 May 2025 09:33



Tgt Ion: 69 Resp: 101849

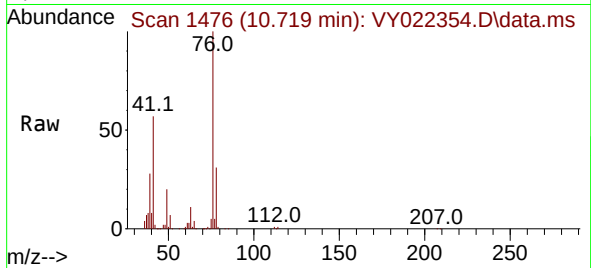
Ion	Ratio	Lower	Upper
69	100		
41	66.0	56.5	84.7
39	45.0	37.1	55.7





#57
1,3-Dichloropropane
Concen: 48.789 ug/l
RT: 10.719 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VY022354.D
Acq: 21 May 2025 09:33

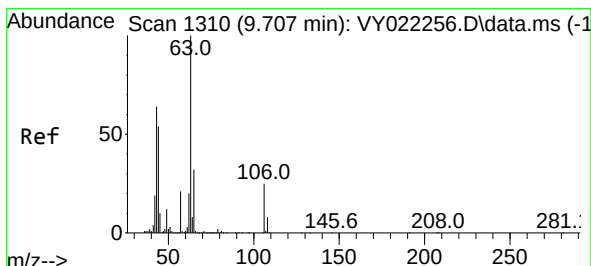
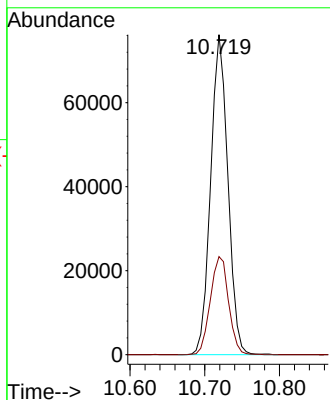
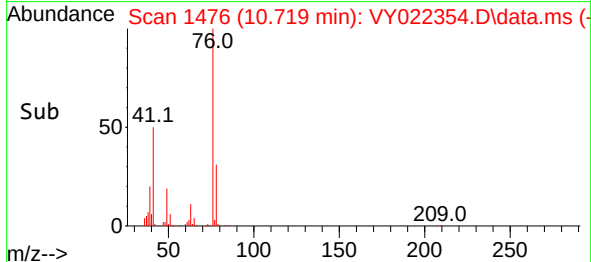
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



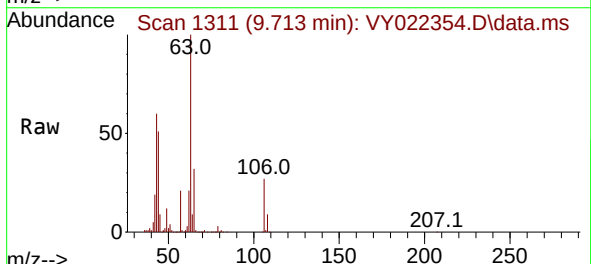
Tgt Ion: 76 Resp: 12158
Ion Ratio Lower Upper
76 100
78 32.5 25.8 38.8

Manual Integrations
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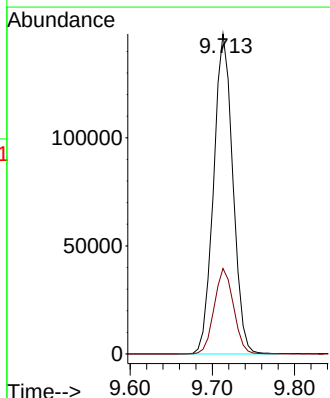
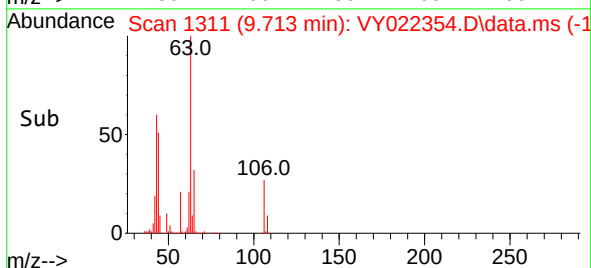
Reviewed By :Mahesh Dadoda 05/22/2025
Supervised By :Semsettin Yesilyurt 05/22/2025

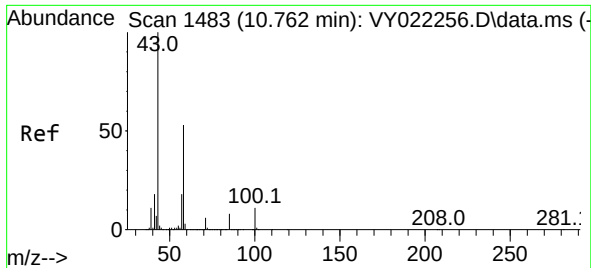


#58
2-Chloroethyl Vinyl ether
Concen: 245.385 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. 0.006 min
Lab File: VY022354.D
Acq: 21 May 2025 09:33



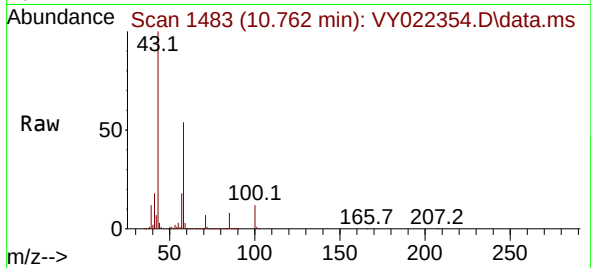
Tgt Ion: 63 Resp: 240643
Ion Ratio Lower Upper
63 100
106 26.8 21.0 31.4





#59
2-Hexanone
Concen: 212.876 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY022354.D
Acq: 21 May 2025 09:33

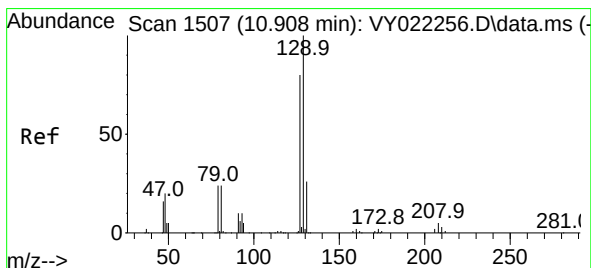
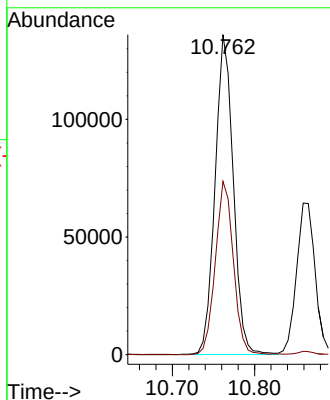
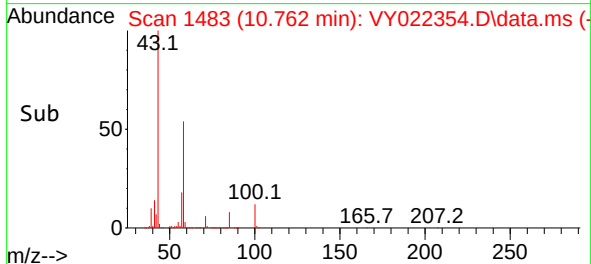
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 20881
Ion Ratio Lower Upper
43 100
58 53.9 26.1 78.3

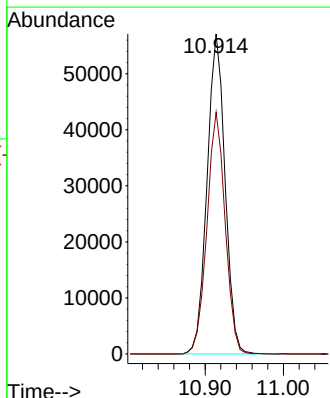
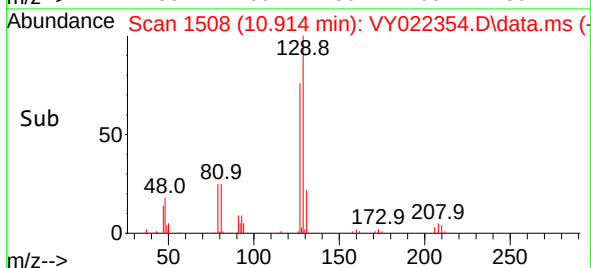
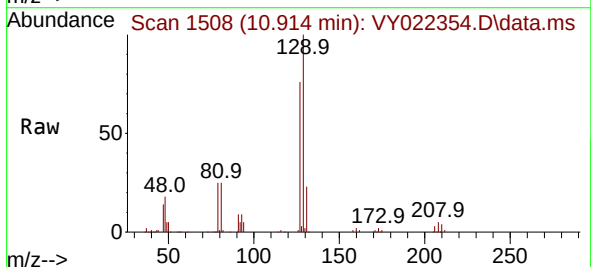
Manual Integrations
APPROVED

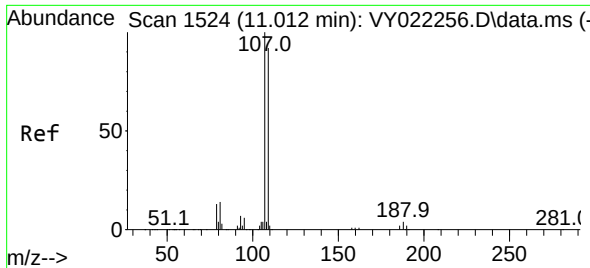
Reviewed By :Mahesh Dadoda 05/22/2025
Supervised By :Semsettin Yesilyurt 05/22/2025



#60
Dibromochloromethane
Concen: 49.966 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY022354.D
Acq: 21 May 2025 09:33

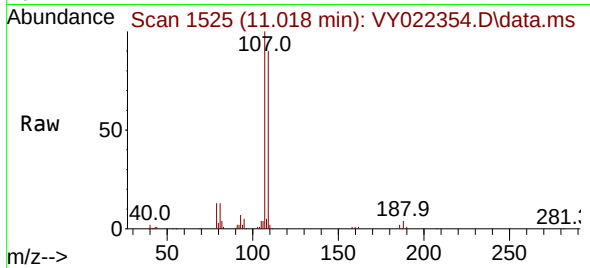
Tgt Ion:129 Resp: 90965
Ion Ratio Lower Upper
129 100
127 76.3 38.6 115.7





#61
1,2-Dibromoethane
Concen: 49.865 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. 0.006 min
Lab File: VY022354.D
Acq: 21 May 2025 09:33

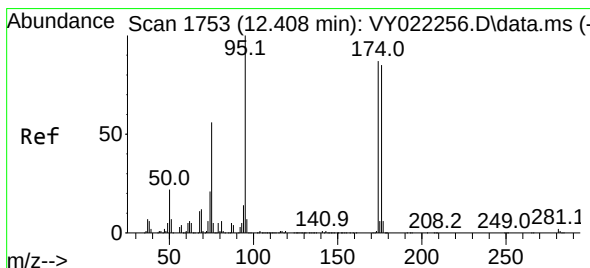
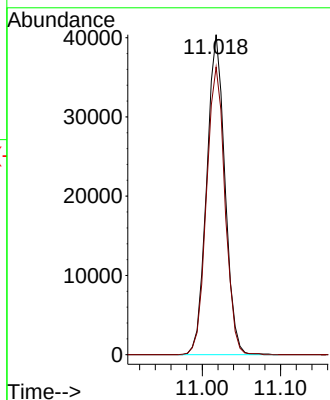
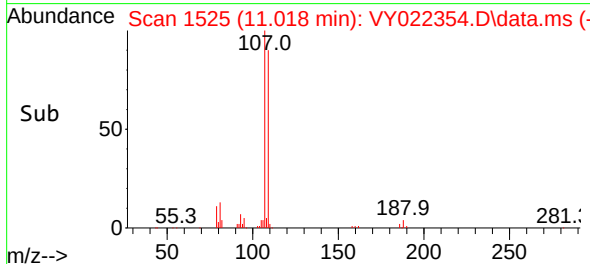
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



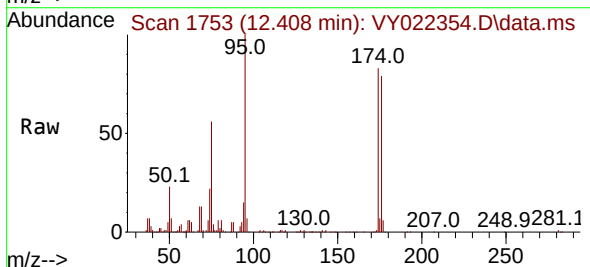
Tgt Ion:107 Resp: 65188
Ion Ratio Lower Upper
107 100
109 91.3 74.6 111.8

Manual Integrations
APPROVED

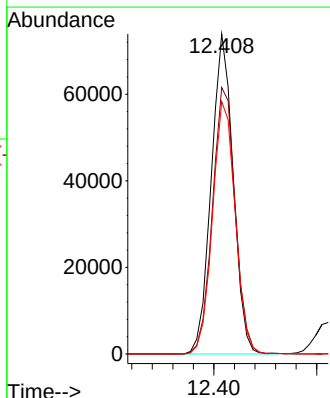
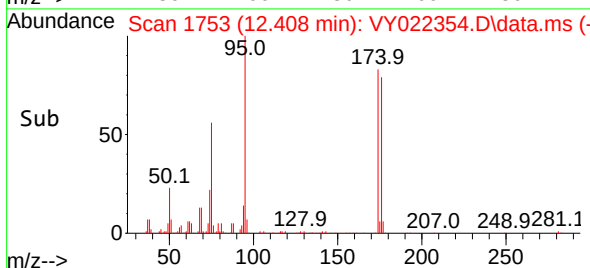
Reviewed By :Mahesh Dadoda 05/22/2025
Supervised By :Semsettin Yesilyurt 05/22/2025

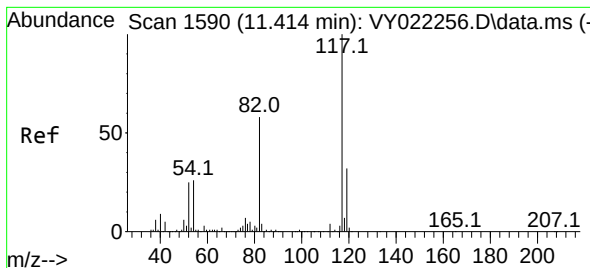


#62
4-Bromofluorobenzene
Concen: 48.635 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY022354.D
Acq: 21 May 2025 09:33



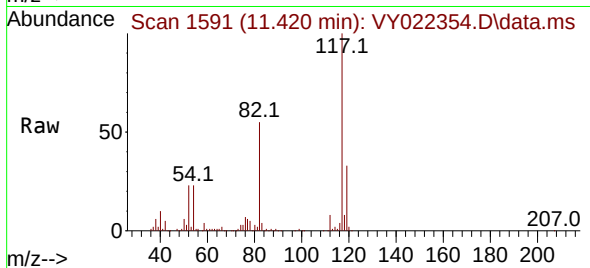
Tgt Ion: 95 Resp: 108916
Ion Ratio Lower Upper
95 100
174 87.0 0.0 166.8
176 82.0 0.0 160.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY022354.D
Acq: 21 May 2025 09:33

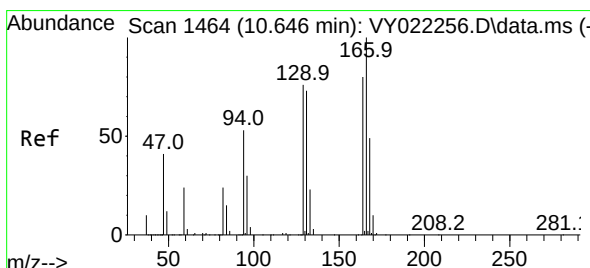
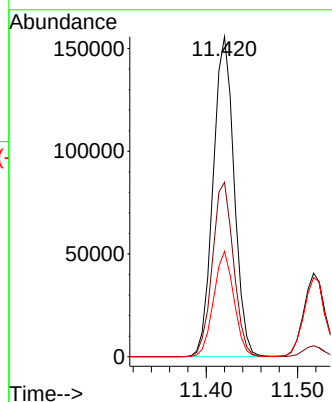
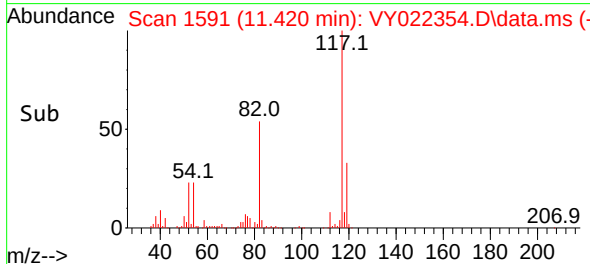
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



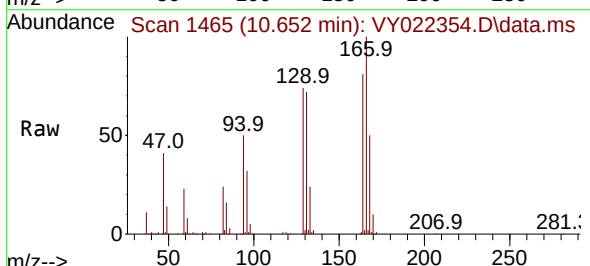
Tgt Ion:117 Resp: 24822
Ion Ratio Lower Upper
117 100
82 54.5 46.6 70.0
119 32.9 25.8 38.6

Manual Integrations
APPROVED

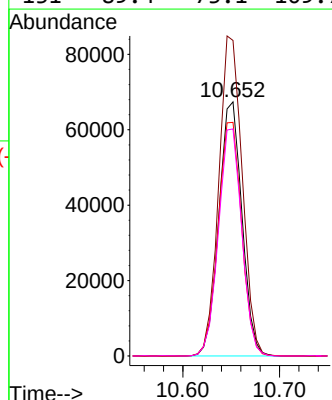
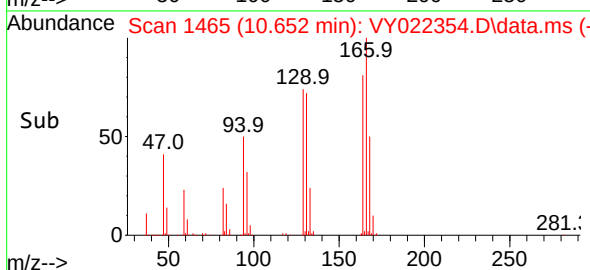
Reviewed By :Mahesh Dadoda 05/22/2025
Supervised By :Semsettin Yesilyurt 05/22/2025

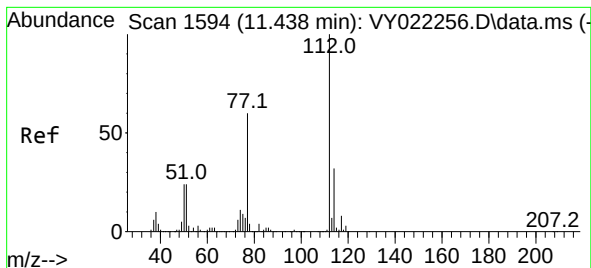


#64
Tetrachloroethene
Concen: 48.687 ug/l
RT: 10.652 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VY022354.D
Acq: 21 May 2025 09:33



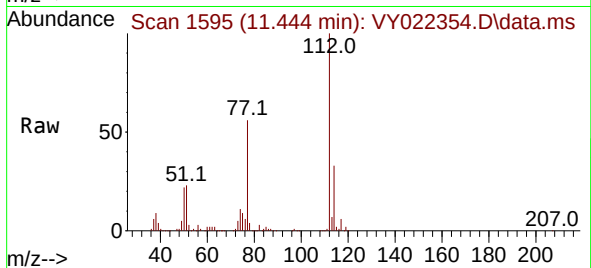
Tgt Ion:164 Resp: 111707
Ion Ratio Lower Upper
164 100
166 124.2 100.4 150.6
129 92.0 76.4 114.6
131 89.4 73.1 109.7





#65
Chlorobenzene
Concen: 48.862 ug/l
RT: 11.444 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY022354.D
Acq: 21 May 2025 09:33

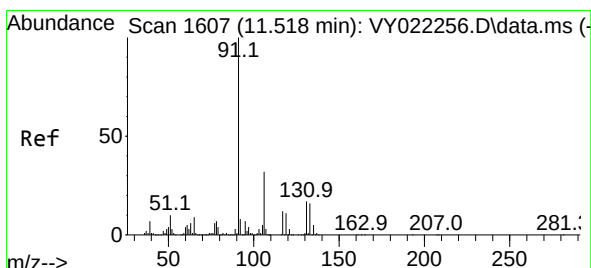
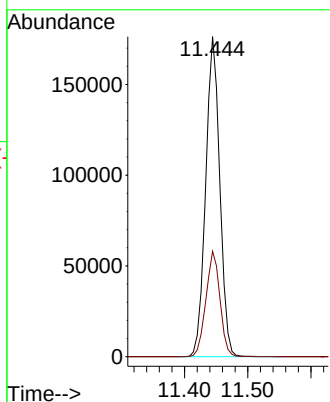
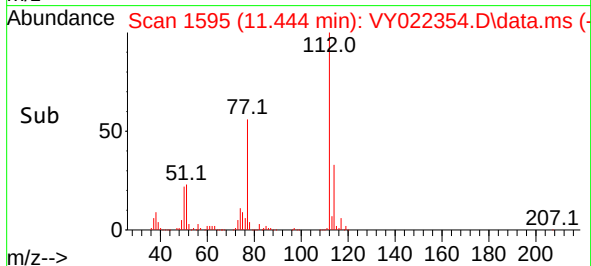
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:112 Resp: 27364
Ion Ratio Lower Upper
112 100
114 33.0 25.8 38.6

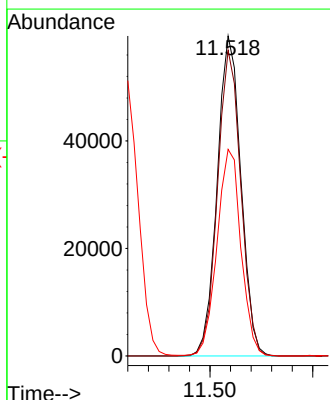
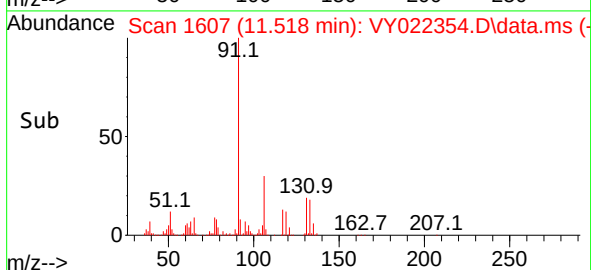
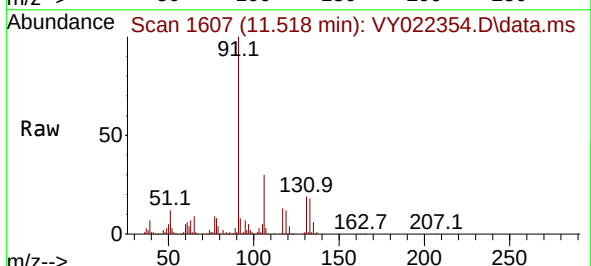
Manual Integrations
APPROVED

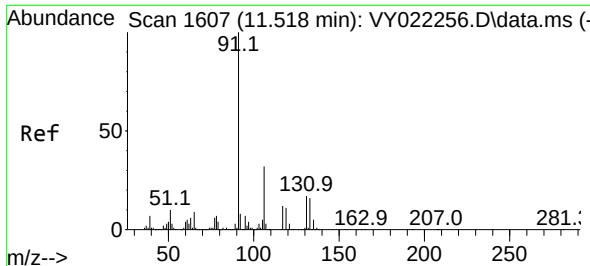
Reviewed By :Mahesh Dadoda 05/22/2025
Supervised By :Semsettin Yesilyurt 05/22/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 49.474 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY022354.D
Acq: 21 May 2025 09:33

Tgt Ion:131 Resp: 95250
Ion Ratio Lower Upper
131 100
133 94.1 47.3 141.9
119 65.3 33.1 99.2





#67

Ethyl Benzene

Concen: 49.054 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. 0.006 min

Lab File: VY022354.D

Acq: 21 May 2025 09:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 51448

Ion Ratio Lower Upper

91 100

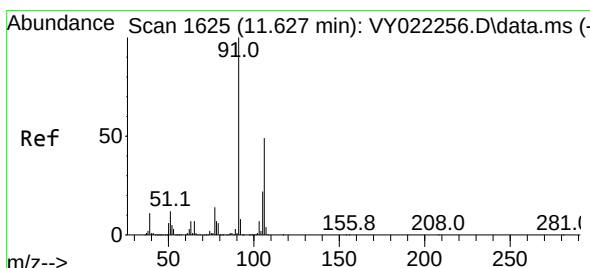
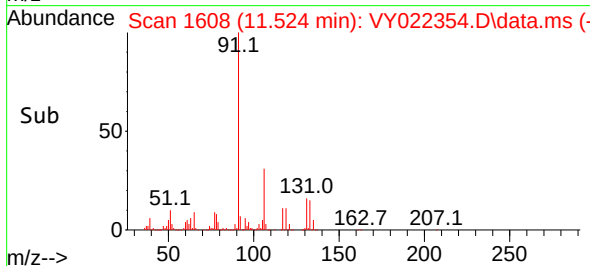
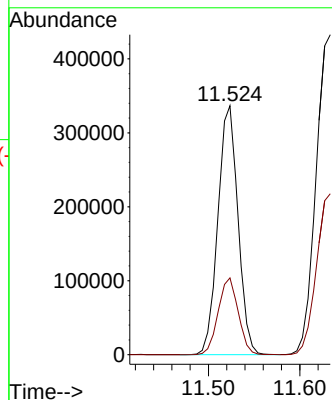
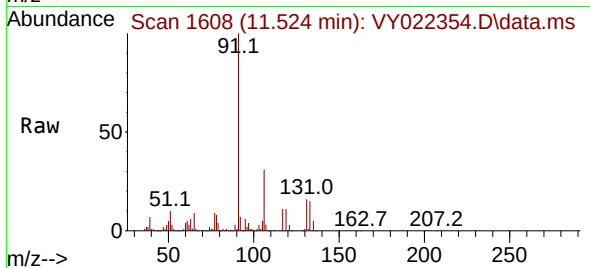
106 30.8 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/22/2025

Supervised By :Semsettin Yesilyurt 05/22/2025



#68

m/p-Xylenes

Concen: 97.836 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. 0.006 min

Lab File: VY022354.D

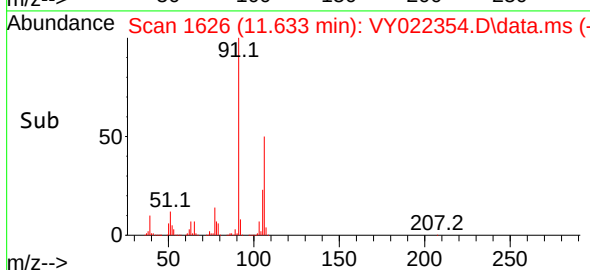
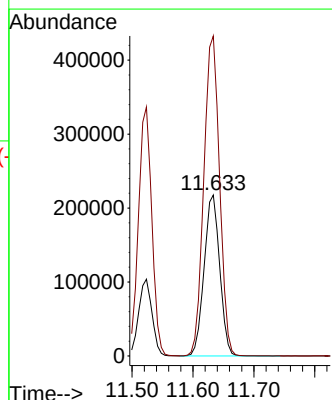
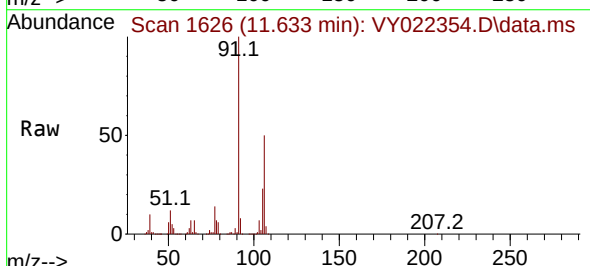
Acq: 21 May 2025 09:33

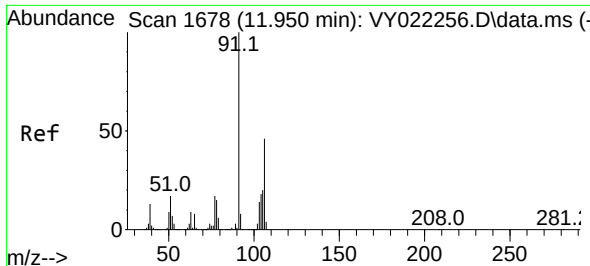
Tgt Ion:106 Resp: 386655

Ion Ratio Lower Upper

106 100

91 200.7 163.0 244.4





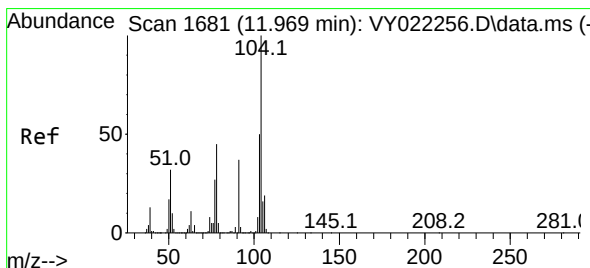
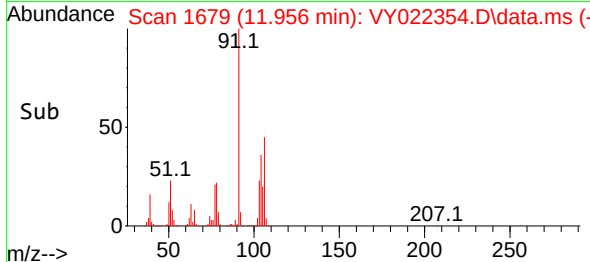
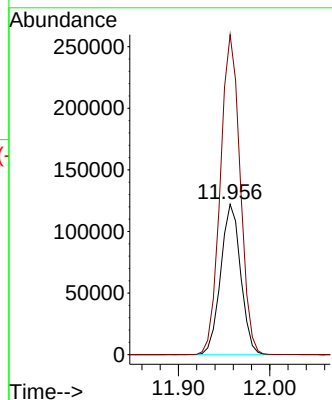
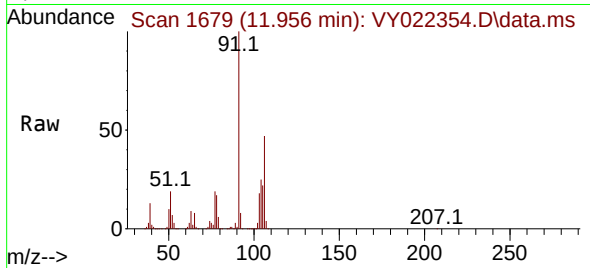
#69
o-Xylene
Concen: 49.670 ug/l
RT: 11.956 min Scan# 1678
Delta R.T. 0.006 min
Lab File: VY022354.D
Acq: 21 May 2025 09:33

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 185725
Ion Ratio Lower Upper
106 100
91 211.3 108.3 324.8

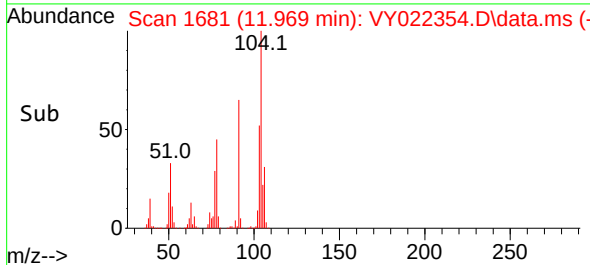
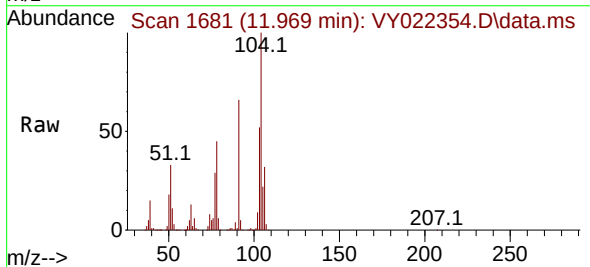
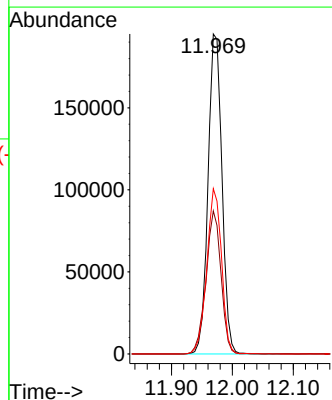
Manual Integrations
APPROVED

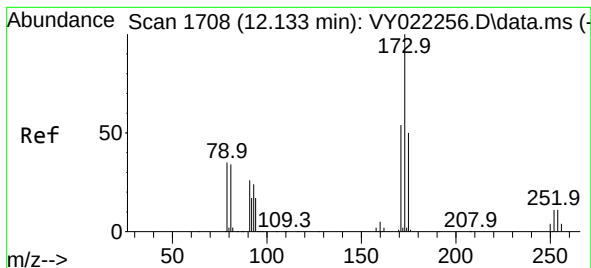
Reviewed By :Mahesh Dadoda 05/22/2025
Supervised By :Semsettin Yesilyurt 05/22/2025



#70
Styrene
Concen: 49.073 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY022354.D
Acq: 21 May 2025 09:33

Tgt Ion:104 Resp: 309526
Ion Ratio Lower Upper
104 100
78 48.2 40.9 61.3
103 54.7 43.7 65.5





#71

Bromoform

Concen: 46.356 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY022354.D

Acq: 21 May 2025 09:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 48172

Ion Ratio Lower Upper

173 100

175 47.5 24.7 74.1

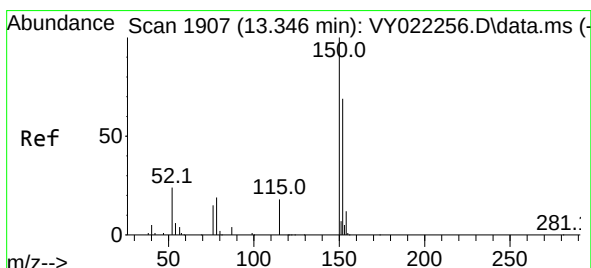
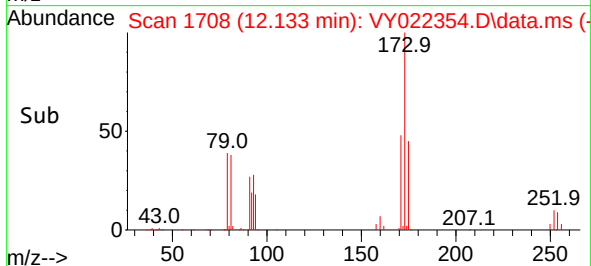
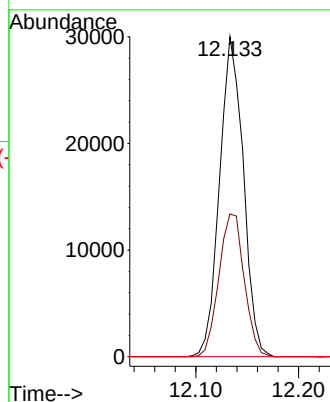
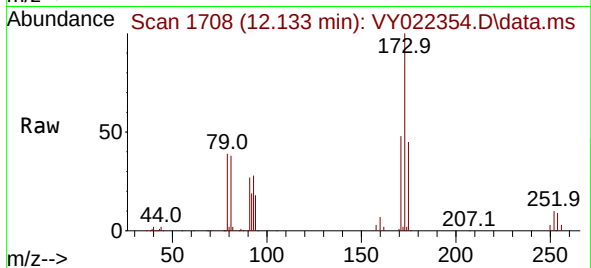
254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/22/2025

Supervised By :Semsettin Yesilyurt 05/22/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY022354.D

Acq: 21 May 2025 09:33

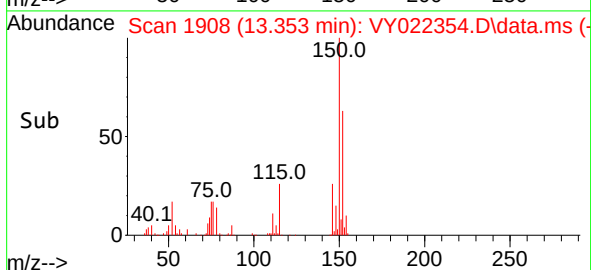
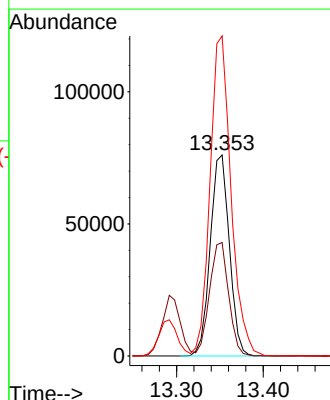
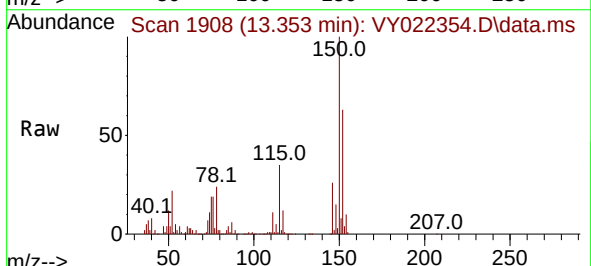
Tgt Ion:152 Resp: 116710

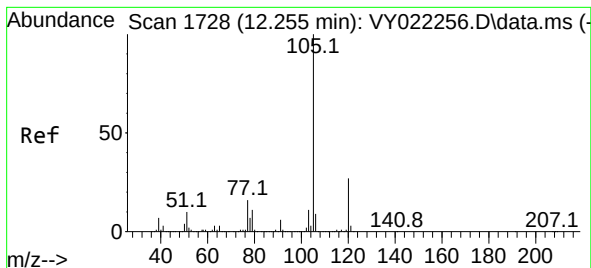
Ion Ratio Lower Upper

152 100

115 56.3 29.4 88.2

150 174.7 0.0 353.8





#73

Isopropylbenzene

Concen: 49.625 ug/l

RT: 12.255 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY022354.D

Acq: 21 May 2025 09:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 47982

Ion Ratio Lower Upper

105 100

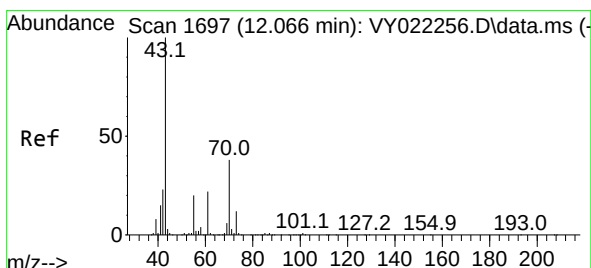
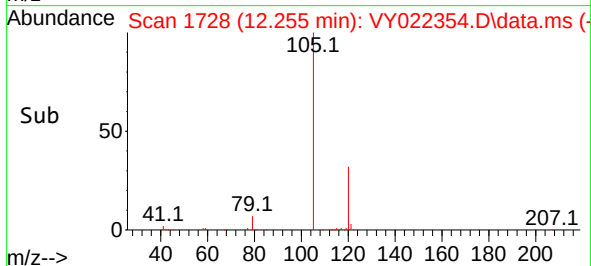
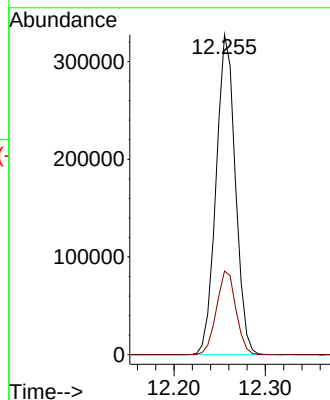
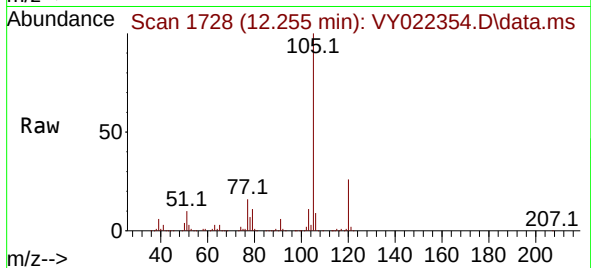
120 26.4 13.2 39.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/22/2025

Supervised By :Semsettin Yesilyurt 05/22/2025



#74

N-ethyl acetate

Concen: 43.009 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.006 min

Lab File: VY022354.D

Acq: 21 May 2025 09:33

Tgt Ion: 43 Resp: 118933

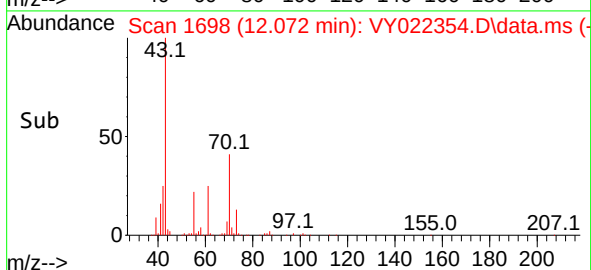
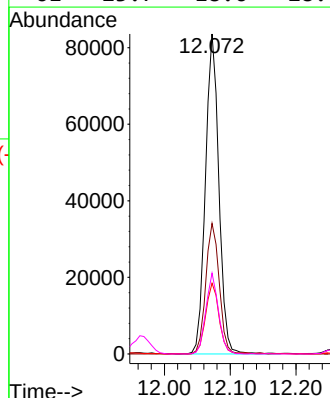
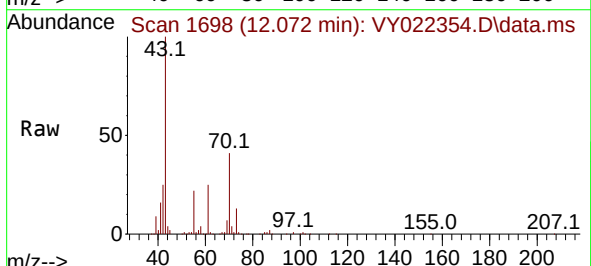
Ion Ratio Lower Upper

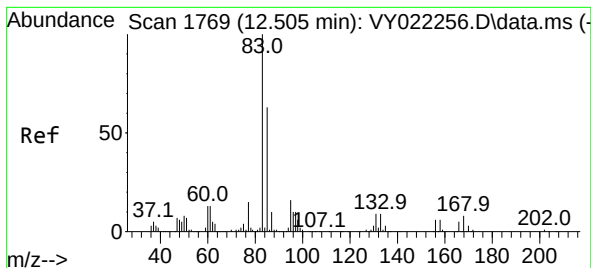
43 100

70 41.0 31.4 47.0

55 22.0 17.0 25.6

61 23.7 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 47.940 ug/l

RT: 12.511 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY022354.D

Acq: 21 May 2025 09:33

Instrument :

MSVOA_Y

ClientSampleId :

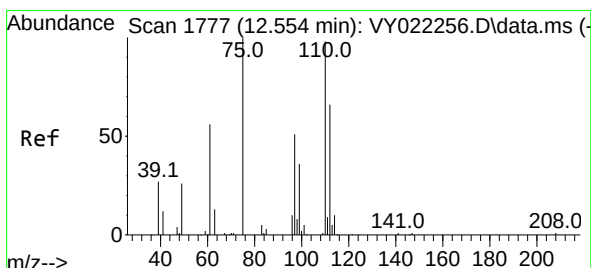
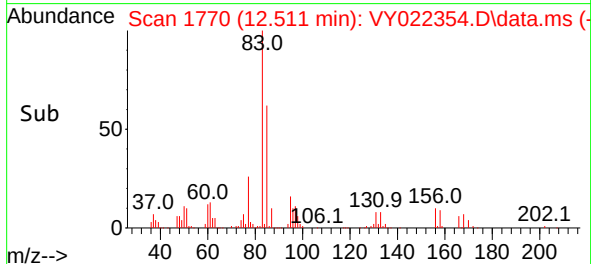
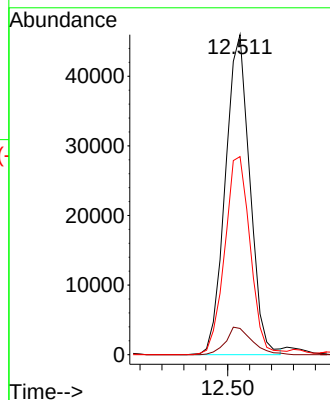
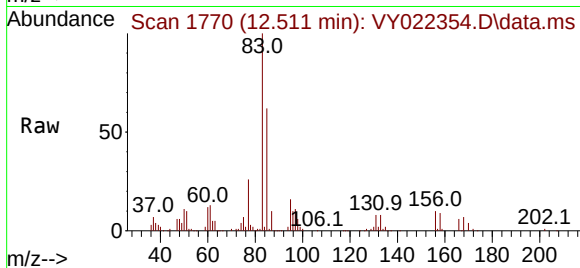
VSTDCCC050

Tgt Ion: 83	Resp: 71280
Ion Ratio	Lower Upper
83	100
131	9.2 4.9 14.7
85	64.5 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/22/2025
Supervised By :Semsettin Yesilyurt 05/22/2025



#76

1,2,3-Trichloropropane

Concen: 43.491 ug/l m

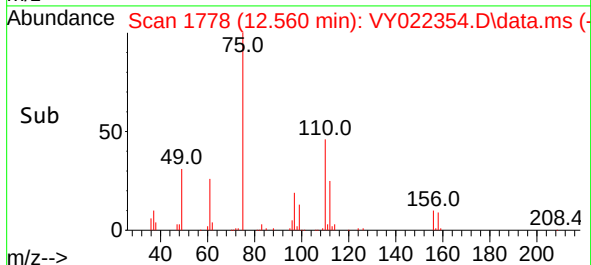
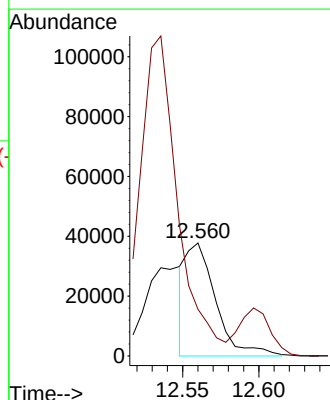
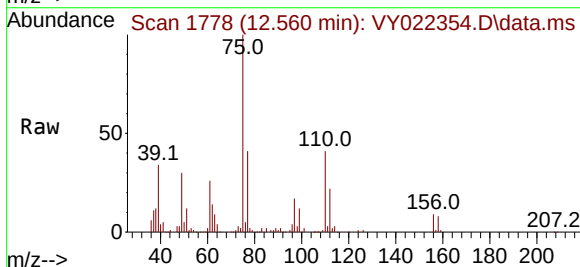
RT: 12.560 min Scan# 1778

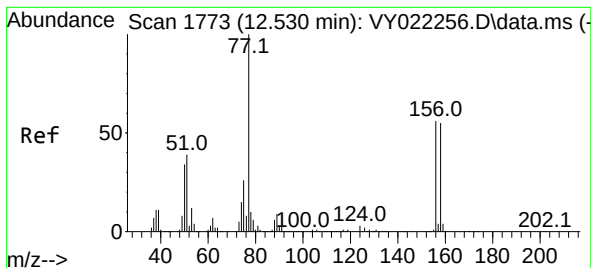
Delta R.T. 0.006 min

Lab File: VY022354.D

Acq: 21 May 2025 09:33

Tgt Ion: 75	Resp: 51423
Ion Ratio	Lower Upper
75	100
77	0.0 0.0 0.0





#77

Bromobenzene

Concen: 48.472 ug/l

RT: 12.536 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VY022354.D

Acq: 21 May 2025 09:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

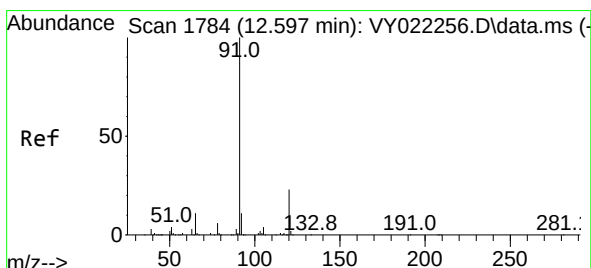
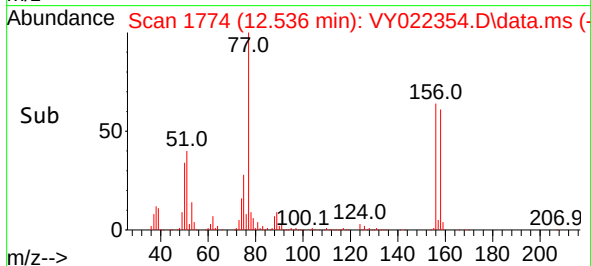
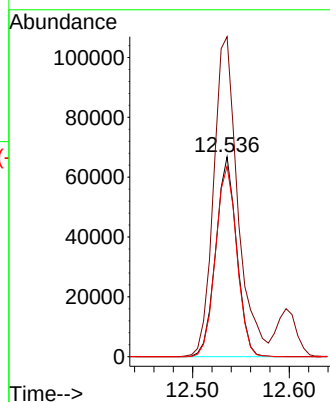
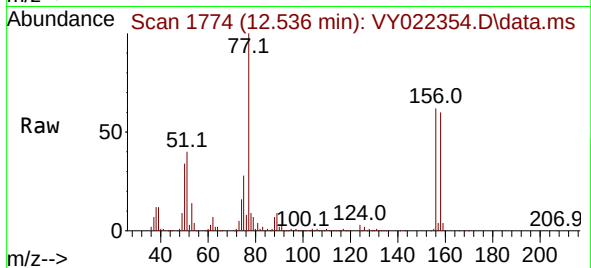
Tgt Ion: 156 Resp: 100099

Ion	Ratio	Lower	Upper
156	100		
77	185.9	94.5	283.6
158	97.2	48.4	145.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/22/2025
Supervised By :Semsettin Yesilyurt 05/22/2025



#78

n-propylbenzene

Concen: 49.396 ug/l

RT: 12.597 min Scan# 1784

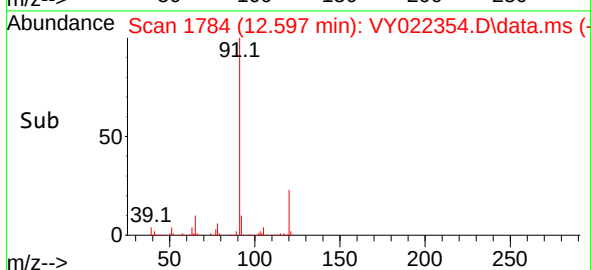
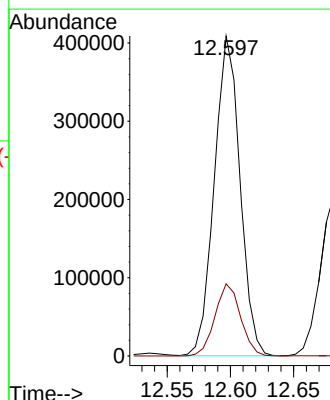
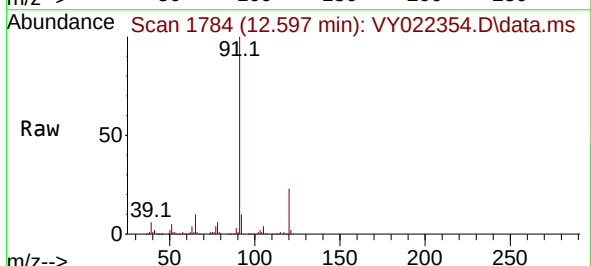
Delta R.T. 0.000 min

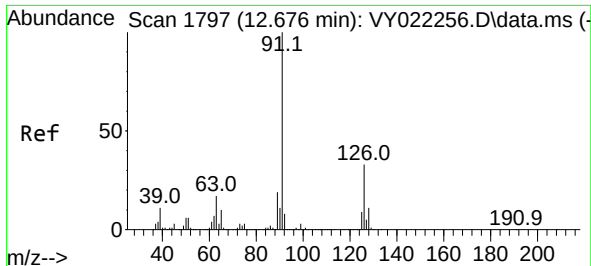
Lab File: VY022354.D

Acq: 21 May 2025 09:33

Tgt Ion: 91 Resp: 576083

Ion	Ratio	Lower	Upper
91	100		
120	22.4	11.1	33.3





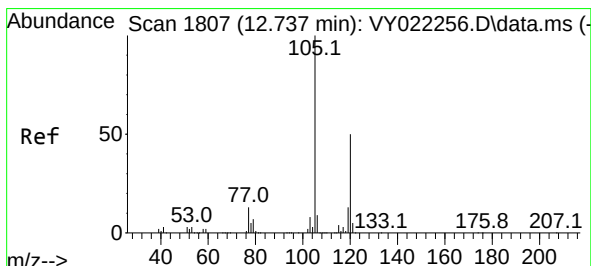
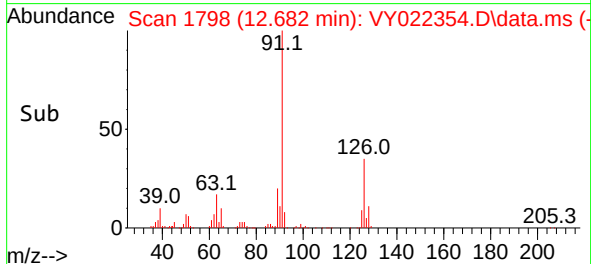
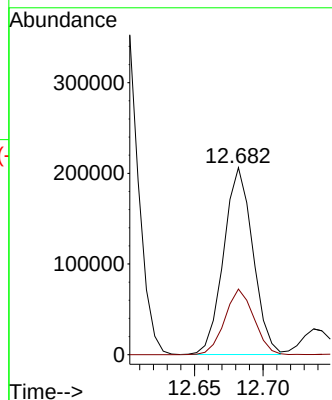
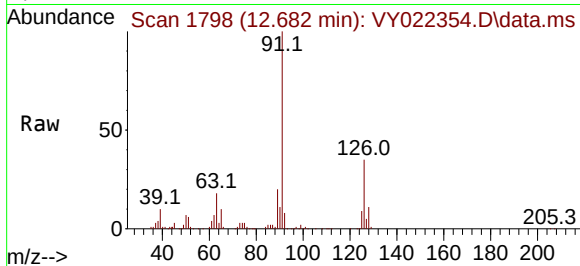
#79
2-Chlorotoluene
Concen: 47.849 ug/l
RT: 12.682 min Scan# 1797
Delta R.T. 0.006 min
Lab File: VY022354.D
Acq: 21 May 2025 09:33

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 306662
Ion Ratio Lower Upper
91 100
126 34.8 16.8 50.4

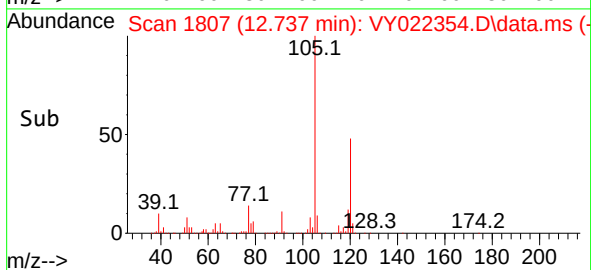
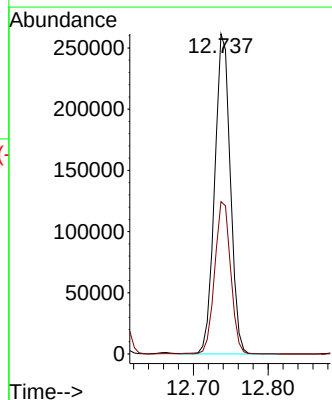
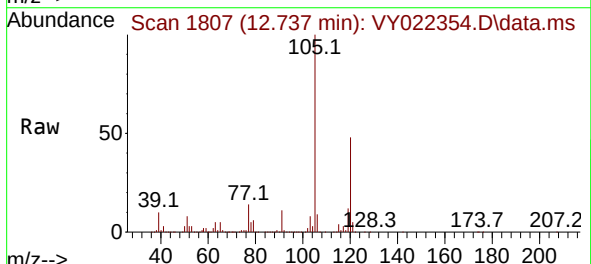
Manual Integrations
APPROVED

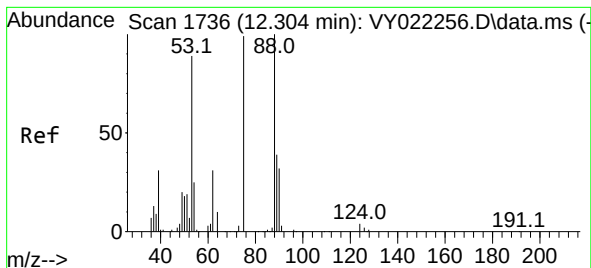
Reviewed By :Mahesh Dadoda 05/22/2025
Supervised By :Semsettin Yesilyurt 05/22/2025



#80
1,3,5-Trimethylbenzene
Concen: 48.789 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY022354.D
Acq: 21 May 2025 09:33

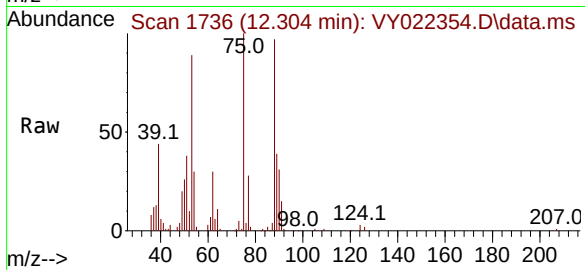
Tgt Ion:105 Resp: 380802
Ion Ratio Lower Upper
105 100
120 48.4 24.2 72.6





#81
trans-1,4-Dichloro-2-butene
Concen: 44.288 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY022354.D
Acq: 21 May 2025 09:33

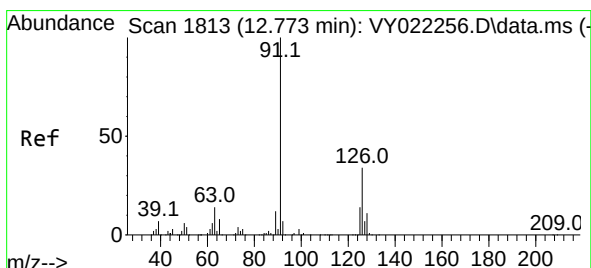
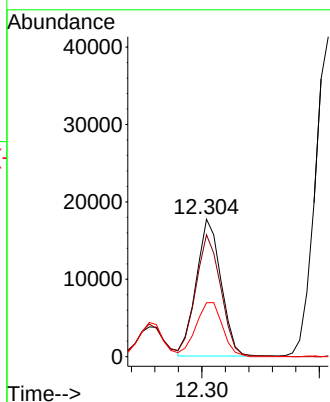
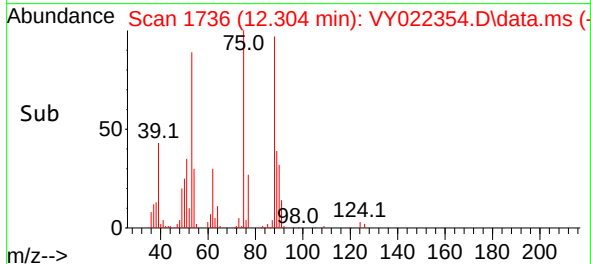
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 25850
Ion Ratio Lower Upper
75 100
53 91.2 75.8 113.8
89 42.7 36.2 54.2

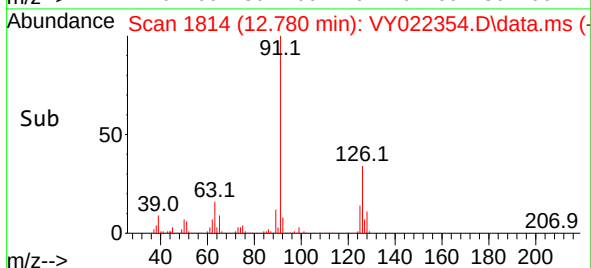
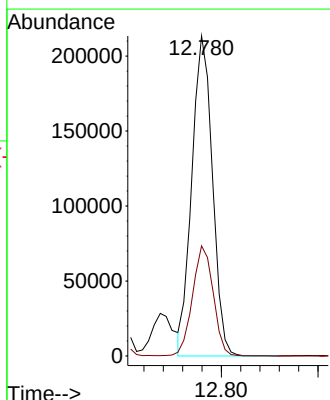
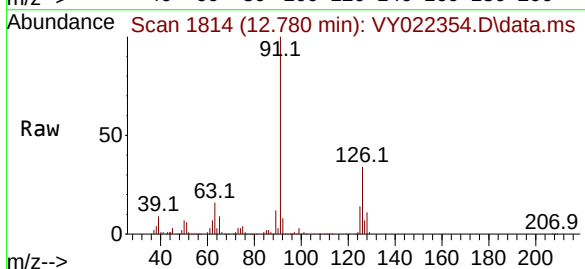
Manual Integrations
APPROVED

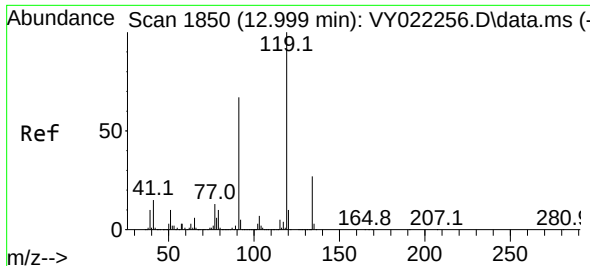
Reviewed By :Mahesh Dadoda 05/22/2025
Supervised By :Semsettin Yesilyurt 05/22/2025



#82
4-Chlorotoluene
Concen: 47.891 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY022354.D
Acq: 21 May 2025 09:33

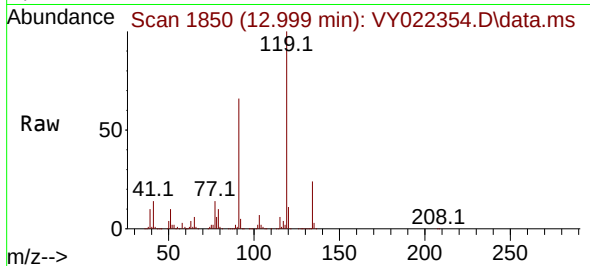
Tgt Ion: 91 Resp: 315707
Ion Ratio Lower Upper
91 100
126 34.7 16.8 50.4





#83
tert-Butylbenzene
Concen: 48.304 ug/l
RT: 12.999 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VY022354.D
Acq: 21 May 2025 09:33

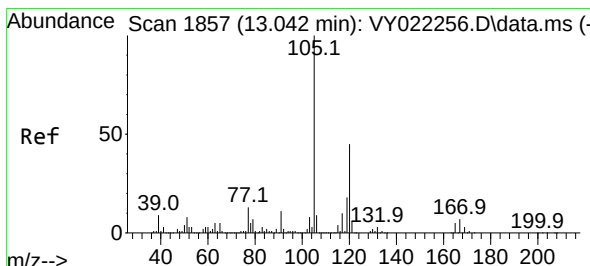
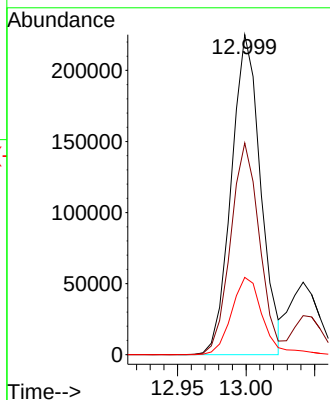
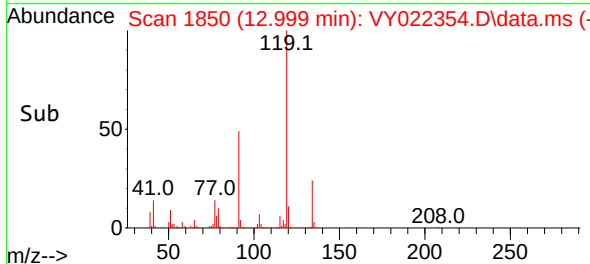
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



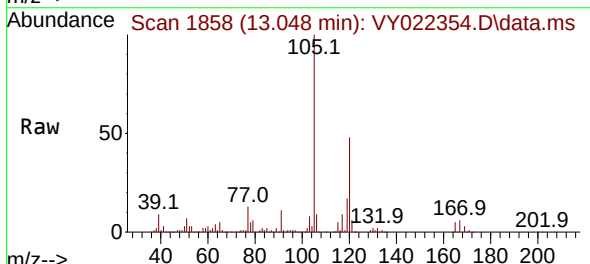
Tgt Ion:119 Resp: 335092
Ion Ratio Lower Upper
119 100
91 65.0 32.8 98.3
134 25.9 12.9 38.6

Manual Integrations
APPROVED

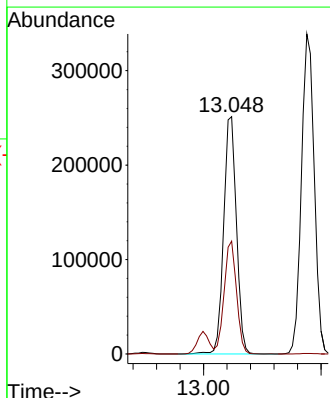
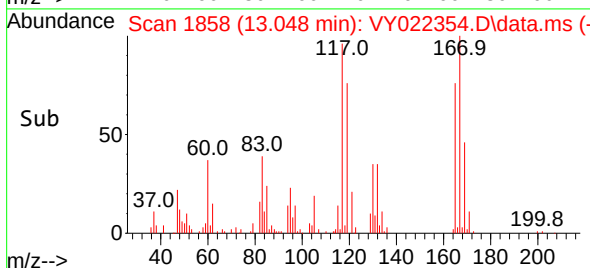
Reviewed By :Mahesh Dadoda 05/22/2025
Supervised By :Semsettin Yesilyurt 05/22/2025

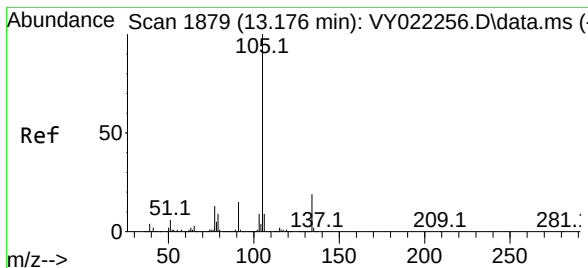


#84
1,2,4-Trimethylbenzene
Concen: 48.985 ug/l
RT: 13.048 min Scan# 1858
Delta R.T. 0.006 min
Lab File: VY022354.D
Acq: 21 May 2025 09:33



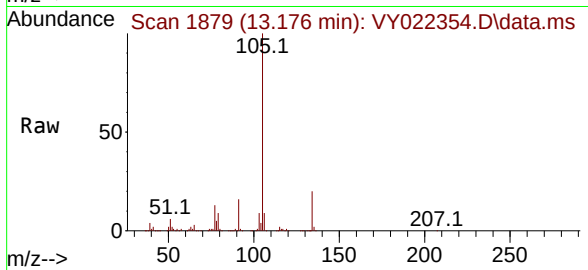
Tgt Ion:105 Resp: 379530
Ion Ratio Lower Upper
105 100
120 46.1 22.3 66.9





#85
 sec-Butylbenzene
 Concen: 49.584 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. 0.000 min
 Lab File: VY022354.D
 Acq: 21 May 2025 09:33

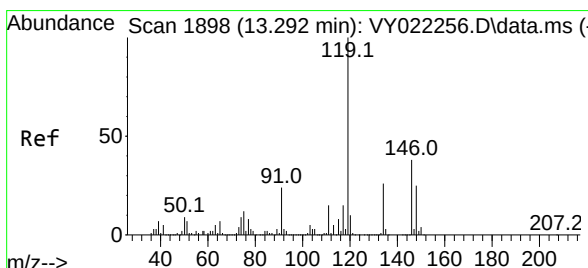
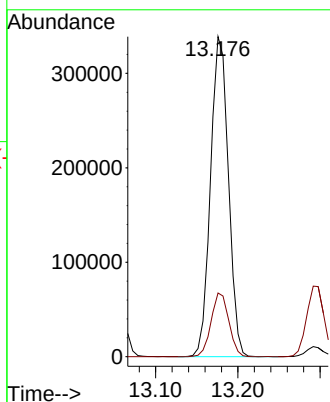
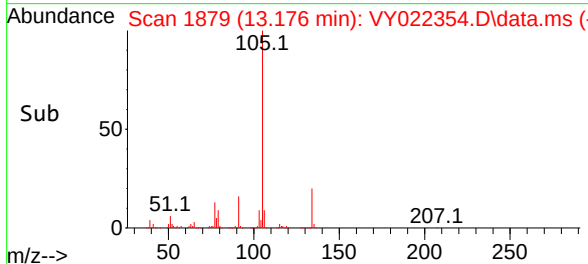
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



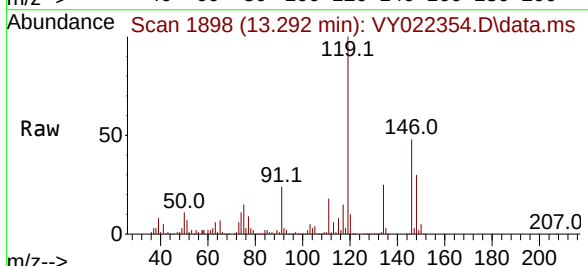
Tgt Ion:105 Resp: 510607
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.5

Manual Integrations
 APPROVED

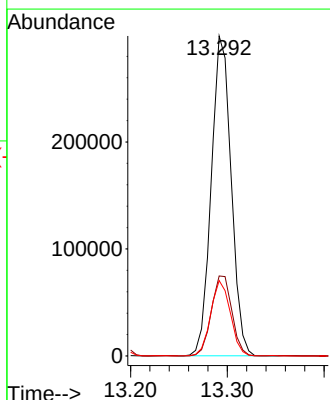
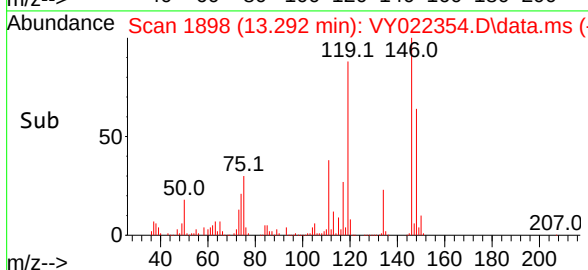
Reviewed By :Mahesh Dadoda 05/22/2025
 Supervised By :Semsettin Yesilyurt 05/22/2025

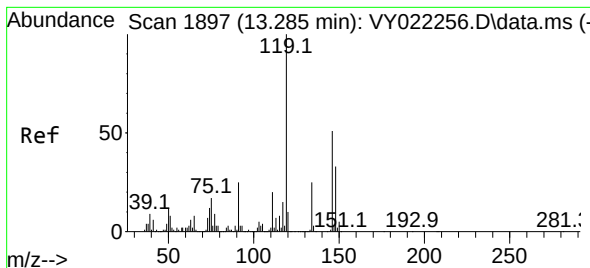


#86
 p-Isopropyltoluene
 Concen: 49.271 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.000 min
 Lab File: VY022354.D
 Acq: 21 May 2025 09:33



Tgt Ion:119 Resp: 426733
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.9 38.6
 91 23.3 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 49.063 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.006 min

Lab File: VY022354.D

Acq: 21 May 2025 09:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 206830

Ion Ratio Lower Upper

146 100

111 39.2 19.9 59.7

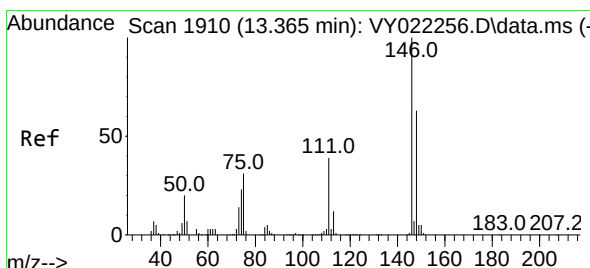
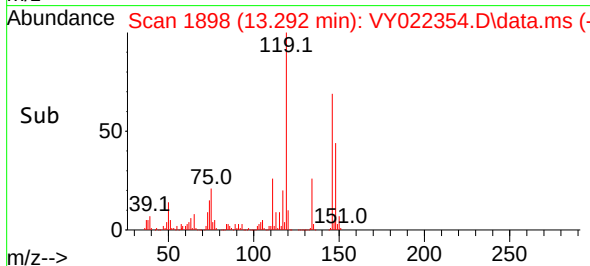
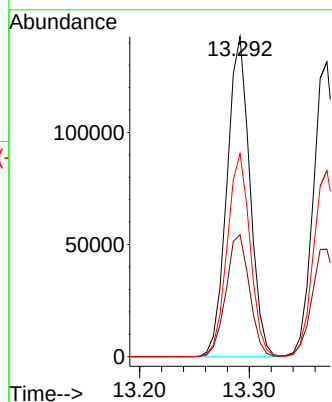
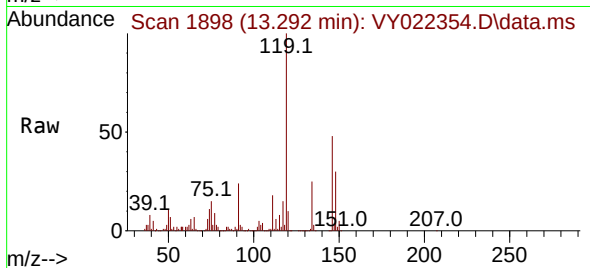
148 63.7 31.9 95.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/22/2025

Supervised By :Semsettin Yesilyurt 05/22/2025



#88

1,4-Dichlorobenzene

Concen: 49.324 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. 0.006 min

Lab File: VY022354.D

Acq: 21 May 2025 09:33

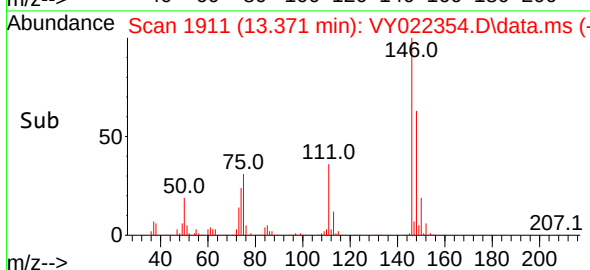
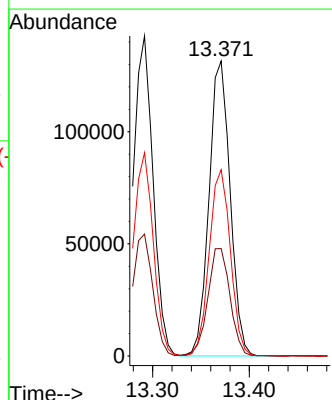
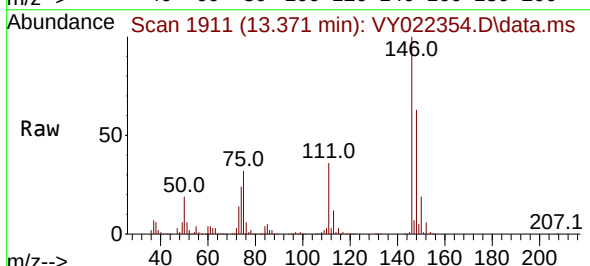
Tgt Ion:146 Resp: 200010

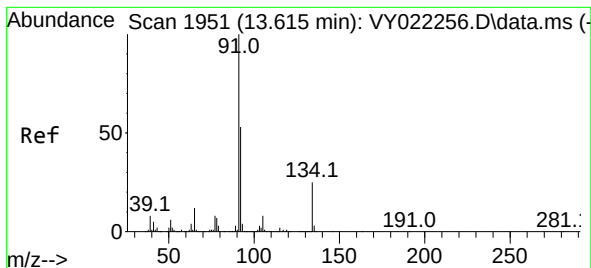
Ion Ratio Lower Upper

146 100

111 38.3 20.0 59.9

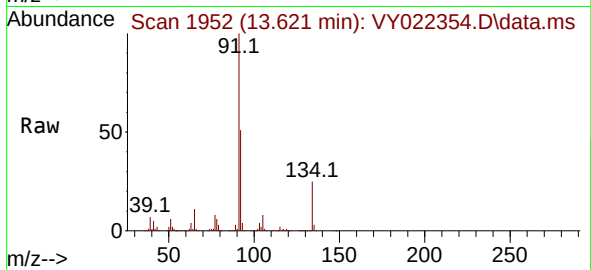
148 63.4 32.1 96.5





#89
n-Butylbenzene
Concen: 50.042 ug/l
RT: 13.621 min Scan# 1952
Delta R.T. 0.006 min
Lab File: VY022354.D
Acq: 21 May 2025 09:33

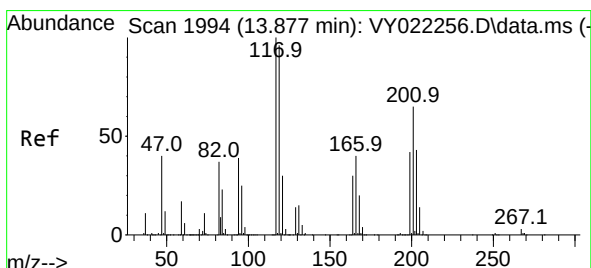
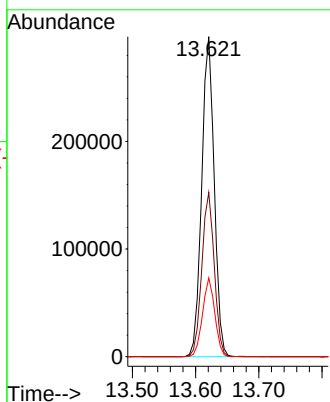
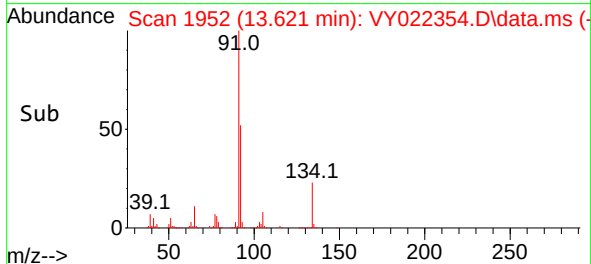
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 410025
Ion Ratio Lower Upper
91 100
92 51.2 26.3 78.9
134 24.2 12.4 37.4

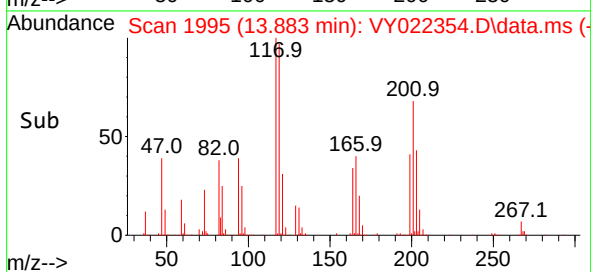
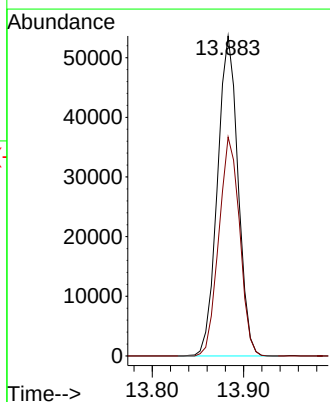
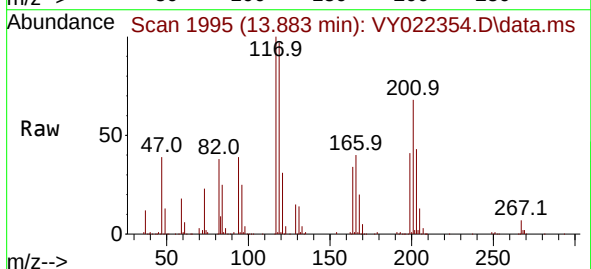
Manual Integrations
APPROVED

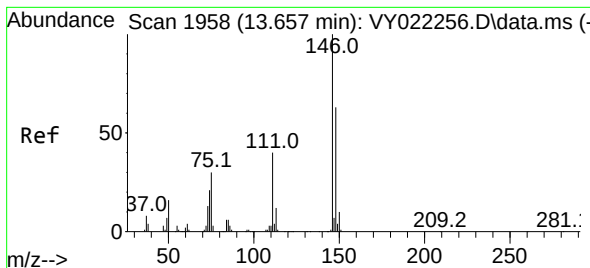
Reviewed By :Mahesh Dadoda 05/22/2025
Supervised By :Semsettin Yesilyurt 05/22/2025



#90
Hexachloroethane
Concen: 48.074 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. 0.006 min
Lab File: VY022354.D
Acq: 21 May 2025 09:33

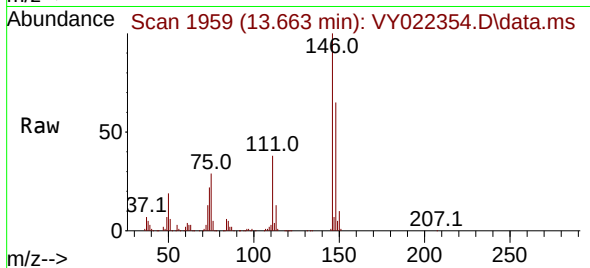
Tgt Ion:117 Resp: 84048
Ion Ratio Lower Upper
117 100
201 69.0 35.2 105.6





#91
1,2-Dichlorobenzene
Concen: 49.160 ug/l
RT: 13.663 min Scan# 1958
Delta R.T. 0.006 min
Lab File: VY022354.D
Acq: 21 May 2025 09:33

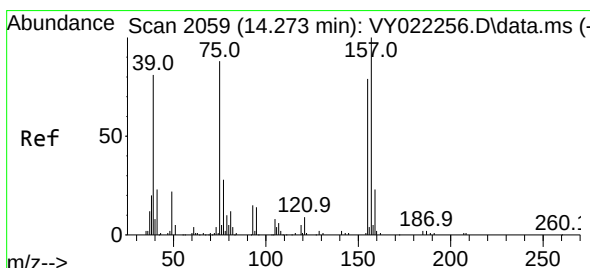
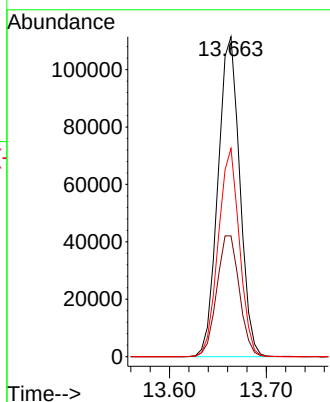
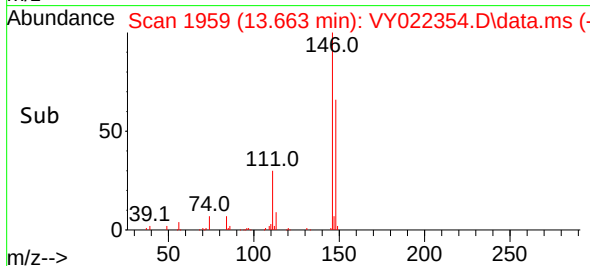
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 174078
Ion Ratio Lower Upper
146 100
111 39.2 20.5 61.5
148 63.3 32.0 96.0

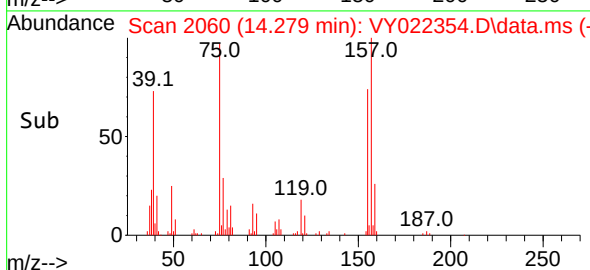
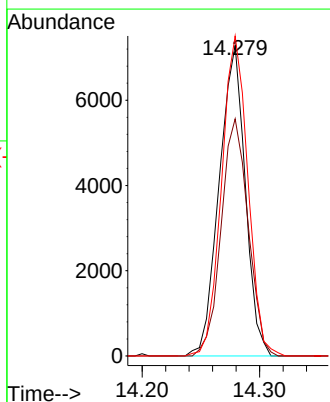
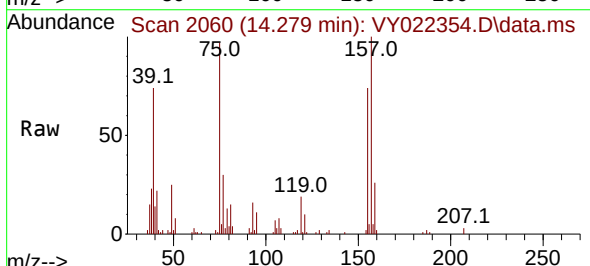
Manual Integrations
APPROVED

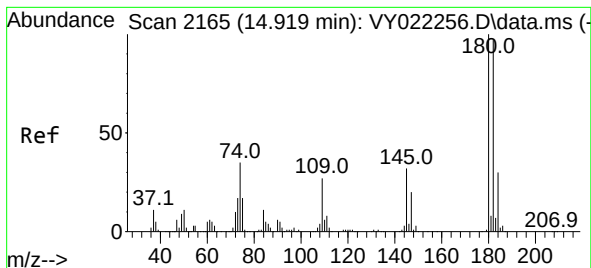
Reviewed By :Mahesh Dadoda 05/22/2025
Supervised By :Semsettin Yesilyurt 05/22/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 46.759 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. 0.006 min
Lab File: VY022354.D
Acq: 21 May 2025 09:33

Tgt Ion: 75 Resp: 11212
Ion Ratio Lower Upper
75 100
155 79.3 43.4 130.1
157 104.0 54.6 163.9





#93

1,2,4-Trichlorobenzene

Concen: 47.650 ug/l

RT: 14.925 min Scan# 2166

Delta R.T. 0.006 min

Lab File: VY022354.D

Acq: 21 May 2025 09:33

Instrument :

MSVOA_Y

ClientSampleId :

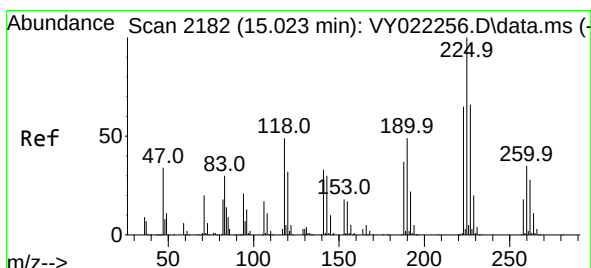
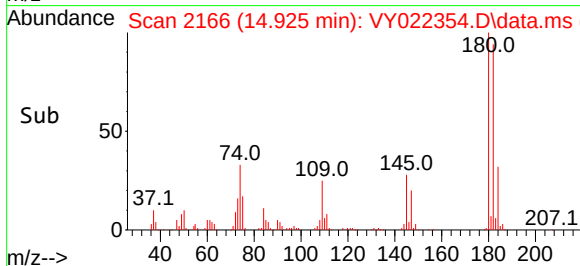
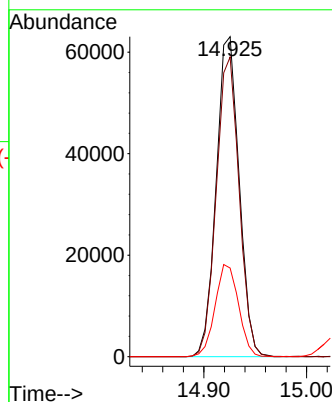
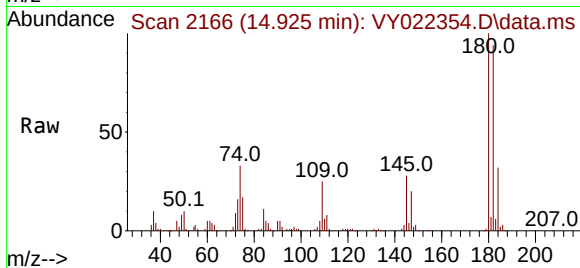
VSTDCCC050

Tgt Ion:180	Resp:	97460
Ion Ratio	Lower	Upper
180	100	
182	93.4	48.0 144.0
145	29.4	15.0 45.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/22/2025
Supervised By :Semsettin Yesilyurt 05/22/2025



#94

Hexachlorobutadiene

Concen: 46.785 ug/l

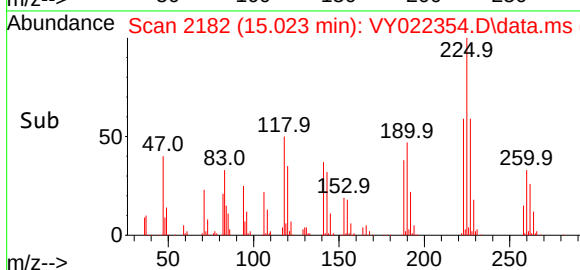
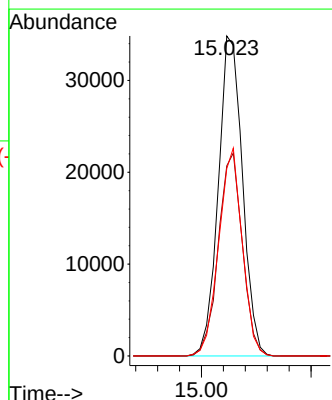
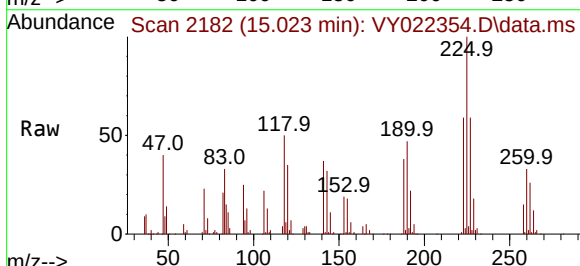
RT: 15.023 min Scan# 2182

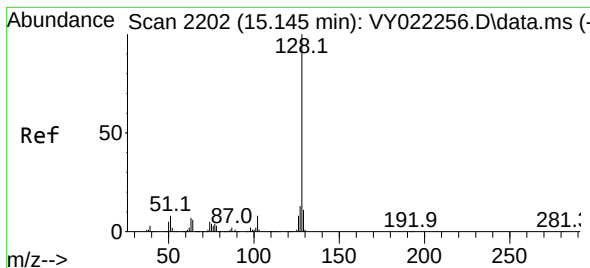
Delta R.T. 0.000 min

Lab File: VY022354.D

Acq: 21 May 2025 09:33

Tgt Ion:225	Resp:	53367
Ion Ratio	Lower	Upper
225	100	
223	63.1	31.5 94.5
227	63.0	32.1 96.3





#95

Naphthalene

Concen: 46.373 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY022354.D

Acq: 21 May 2025 09:33

Instrument :

MSVOA_Y

ClientSampleId :

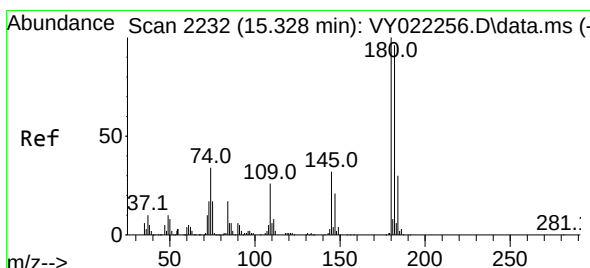
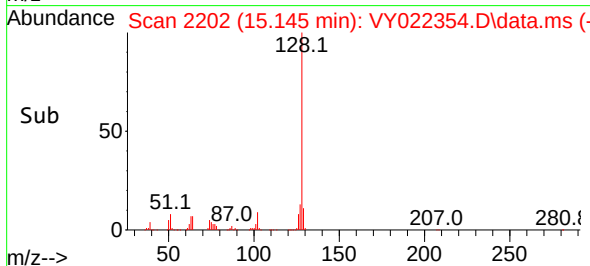
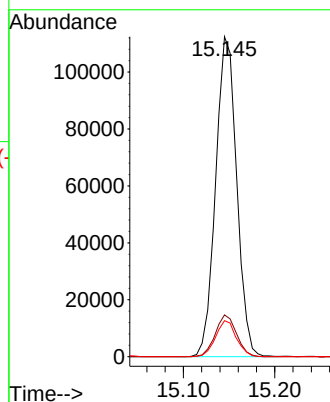
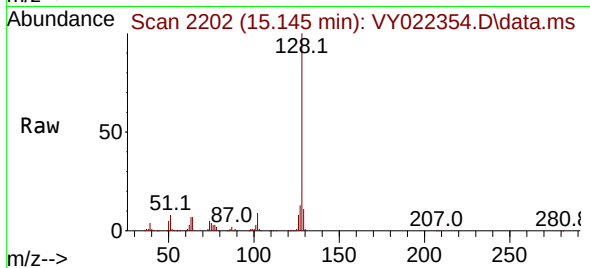
VSTDCCC050

Tgt Ion:128	Resp: 18000
Ion Ratio	Lower Upper
128 100	
127 13.1	10.2 15.2
129 11.1	8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/22/2025
Supervised By :Semsettin Yesilyurt 05/22/2025



#96

1,2,3-Trichlorobenzene

Concen: 46.954 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY022354.D

Acq: 21 May 2025 09:33

Tgt Ion:180	Resp: 81475
Ion Ratio	Lower Upper
180 100	
182 94.1	47.1 141.3
145 31.3	15.9 47.6

