

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061125\
 Data File : VY022664.D
 Acq On : 11 Jun 2025 15:07
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/12/2025
 Supervised By :Semsettin Yesilyurt 06/12/2025

Quant Time: Jun 12 05:08:44 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 10 15:26:14 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	174652	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	290386	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	245247	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	118360	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	88159	45.131	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	90.260%		
35) Dibromofluoromethane	7.634	113	85825	49.517	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.040%		
50) Toluene-d8	10.103	98	355393	50.745	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	101.500%		
62) 4-Bromofluorobenzene	12.402	95	104426	50.044	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	100.080%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.861	85	67134	42.934	ug/l	97
3) Chloromethane	2.062	50	187281	40.542	ug/l	100
4) Vinyl Chloride	2.196	62	296607	55.348	ug/l	99
5) Bromomethane	2.586	94	219808	42.795	ug/l	95
6) Chloroethane	2.726	64	208143	56.588	ug/l	94
7) Trichlorofluoromethane	3.043	101	261037	57.379	ug/l	99
8) Diethyl Ether	3.452	74	45960	44.860	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.806	101	90977	47.481	ug/l	98
10) Methyl Iodide	4.001	142	105757	51.004	ug/l	99
11) Tert butyl alcohol	4.854	59	31805	227.964	ug/l	98
12) 1,1-Dichloroethene	3.781	96	91369	49.887	ug/l	95
13) Acrolein	3.641	56	17121	98.468	ug/l	99
14) Allyl chloride	4.379	41	126821	44.108	ug/l	97
15) Acrylonitrile	5.055	53	95190	219.381	ug/l	100
16) Acetone	3.860	43	88582	223.295	ug/l	96
17) Carbon Disulfide	4.098	76	265351	45.254	ug/l	96
18) Methyl Acetate	4.379	43	53148	45.242	ug/l	96
19) Methyl tert-butyl Ether	5.110	73	239071	46.344	ug/l	99
20) Methylene Chloride	4.604	84	101284	44.947	ug/l	97
21) trans-1,2-Dichloroethene	5.110	96	99475	48.528	ug/l	94
22) Diisopropyl ether	6.012	45	290531	45.396	ug/l	99
23) Vinyl Acetate	5.958	43	797575	210.554	ug/l	97
24) 1,1-Dichloroethane	5.909	63	185766	49.271	ug/l	100
25) 2-Butanone	6.890	43	125095	218.612	ug/l	97
26) 2,2-Dichloropropane	6.884	77	167558	50.298	ug/l	99
27) cis-1,2-Dichloroethene	6.884	96	119480	50.429	ug/l	98
28) Bromochloromethane	7.244	49	73335	44.621	ug/l	94
29) Tetrahydrofuran	7.256	42	77840	210.910	ug/l	96
30) Chloroform	7.415	83	187597	50.234	ug/l	97
31) Cyclohexane	7.695	56	159823	42.579	ug/l	96
32) 1,1,1-Trichloroethane	7.610	97	166517	50.229	ug/l	98
36) 1,1-Dichloropropene	7.829	75	140868	50.076	ug/l	99
37) Ethyl Acetate	6.982	43	54334	43.311	ug/l	98
38) Carbon Tetrachloride	7.817	117	145468	50.408	ug/l	99
39) Methylcyclohexane	9.109	83	177444	46.938	ug/l	96
40) Benzene	8.079	78	426686	51.354	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	30257m	41.292	ug/l	
42) 1,2-Dichloroethane	8.152	62	104573	46.095	ug/l	98
43) Isopropyl Acetate	8.195	43	120039	44.305	ug/l	99
44) Trichloroethene	8.860	130	110843	54.584	ug/l	99
45) 1,2-Dichloropropane	9.140	63	98541	50.184	ug/l	98
46) Dibromomethane	9.225	93	54106	48.978	ug/l	99
47) Bromodichloromethane	9.420	83	137944	49.246	ug/l	96
48) Methyl methacrylate	9.219	41	52779	41.507	ug/l	90
49) 1,4-Dioxane	9.225	88	12179	930.584	ug/l	92
51) 4-Methyl-2-Pentanone	9.993	43	301886	223.486	ug/l	96
52) Toluene	10.170	92	266417	51.024	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	125291	47.738	ug/l	96
54) cis-1,3-Dichloropropene	9.853	75	151585	49.616	ug/l	94
55) 1,1,2-Trichloroethane	10.567	97	67097	47.632	ug/l	95
56) Ethyl methacrylate	10.438	69	97246	47.764	ug/l	97
57) 1,3-Dichloropropane	10.713	76	120065	48.090	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	229595	248.382	ug/l	99
59) 2-Hexanone	10.756	43	202877	224.569	ug/l	96
60) Dibromochloromethane	10.908	129	86194	48.149	ug/l	99
61) 1,2-Dibromoethane	11.012	107	62168	48.421	ug/l	95
64) Tetrachloroethene	10.646	164	134865	63.928	ug/l	96
65) Chlorobenzene	11.438	112	282144	51.989	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.511	131	93342	51.056	ug/l	99
67) Ethyl Benzene	11.518	91	517369	51.398	ug/l	100
68) m/p-Xylenes	11.627	106	398753	104.498	ug/l	98
69) o-Xylene	11.950	106	189238	52.894	ug/l	97
70) Styrene	11.963	104	310024	52.424	ug/l	98
71) Bromoform	12.127	173	47022	48.333	ug/l #	100
73) Isopropylbenzene	12.249	105	487911	50.210	ug/l	99
74) N-amyl acetate	12.066	43	108716	44.340	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	61263	38.413	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	60266m	44.507	ug/l	
77) Bromobenzene	12.530	156	102552	50.011	ug/l	94
78) n-propylbenzene	12.591	91	591928	49.873	ug/l	98
79) 2-Chlorotoluene	12.676	91	309843	49.256	ug/l	98
80) 1,3,5-Trimethylbenzene	12.731	105	381869	50.055	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.298	75	23152	41.290	ug/l	98
82) 4-Chlorotoluene	12.773	91	314019	48.391	ug/l	97
83) tert-Butylbenzene	12.993	119	351878	51.390	ug/l	98
84) 1,2,4-Trimethylbenzene	13.042	105	379800	49.775	ug/l	99
85) sec-Butylbenzene	13.170	105	527233	50.277	ug/l	99
86) p-Isopropyltoluene	13.286	119	441582	51.086	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	210101	50.570	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	197667	49.053	ug/l	99
89) n-Butylbenzene	13.615	91	414934	50.596	ug/l	99
90) Hexachloroethane	13.877	117	85386	50.740	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	174803	49.555	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	10482	45.142	ug/l	94
93) 1,2,4-Trichlorobenzene	14.913	180	98333	51.112	ug/l	97
94) Hexachlorobutadiene	15.017	225	53797	50.664	ug/l	96
95) Naphthalene	15.139	128	214460	58.089	ug/l	99
96) 1,2,3-Trichlorobenzene	15.322	180	79920	48.472	ug/l	98

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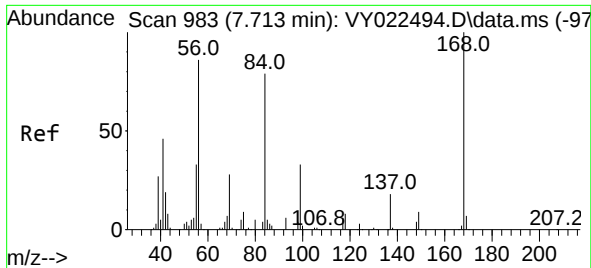
Manual Integrations
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Supervised By :Semsettin Yesilyurt 06/12/2025

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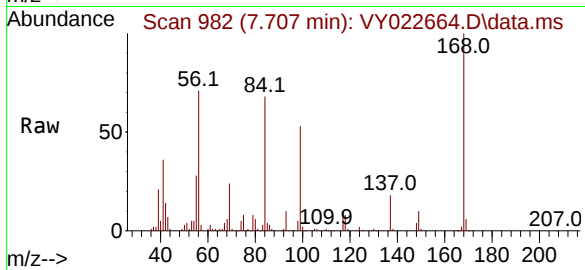
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022664.D
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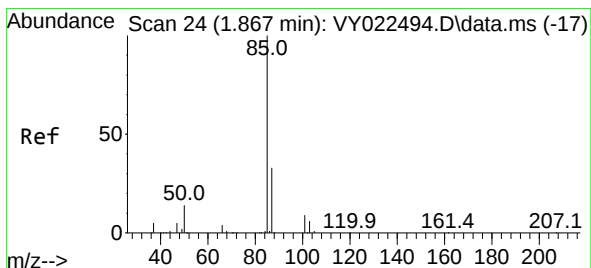
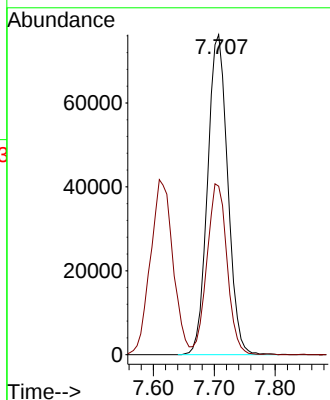
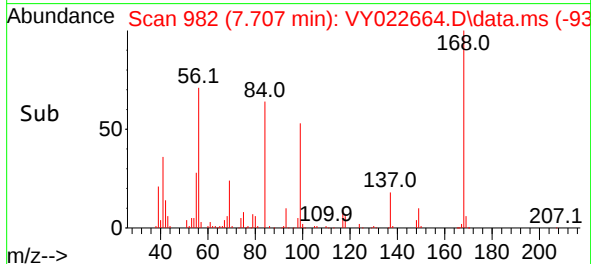
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 174652
Ion Ratio Lower Upper
168 100
99 52.7 44.3 66.5

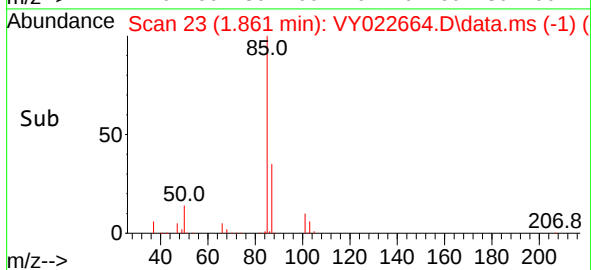
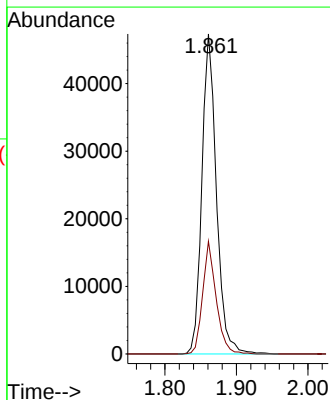
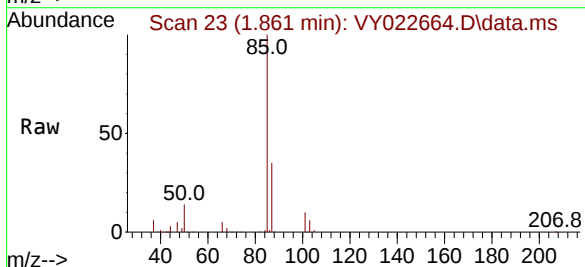
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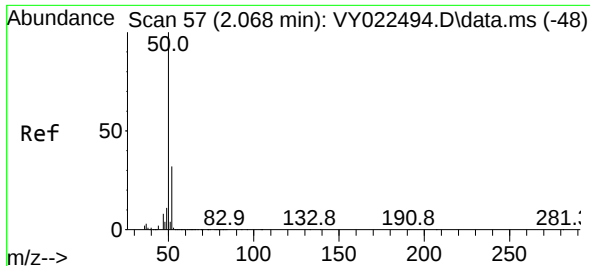
Reviewed By :Mahesh Dadoda 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#2
Dichlorodifluoromethane
Concen: 42.934 ug/l
RT: 1.861 min Scan# 23
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

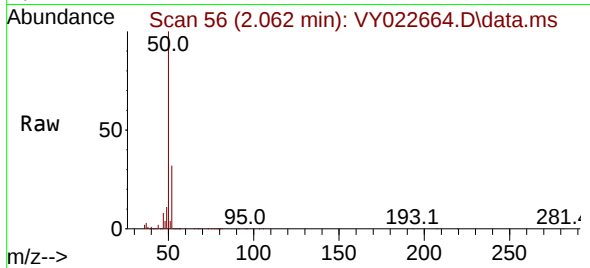
Tgt Ion: 85 Resp: 67134
Ion Ratio Lower Upper
85 100
87 35.2 16.7 50.0





#3
Chloromethane
Concen: 40.542 ug/l
RT: 2.062 min Scan# 50
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

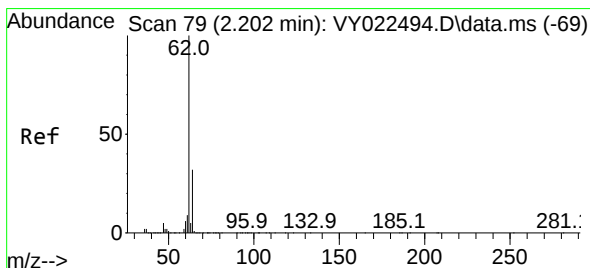
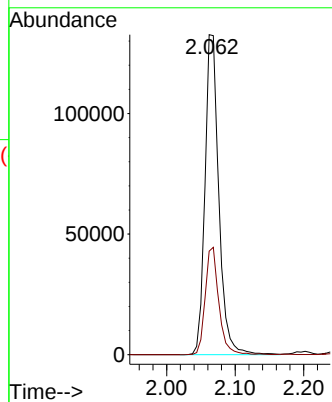
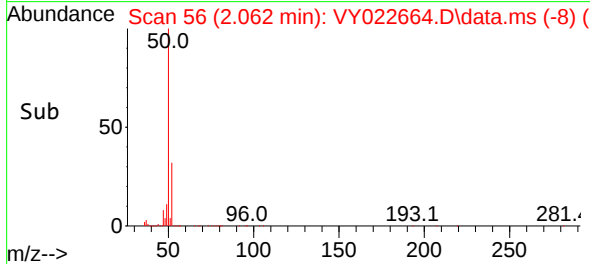
Instrument :
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ClientSampleId :
VSTDCCC050EC



Tgt Ion: 50 Resp: 18728
Ion Ratio Lower Upper
50 100
52 32.4 26.0 39.0

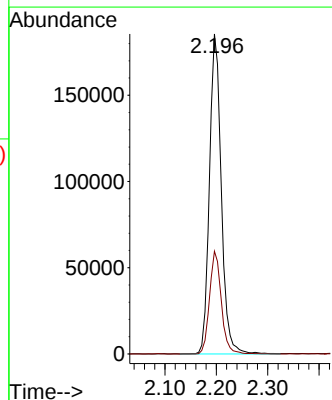
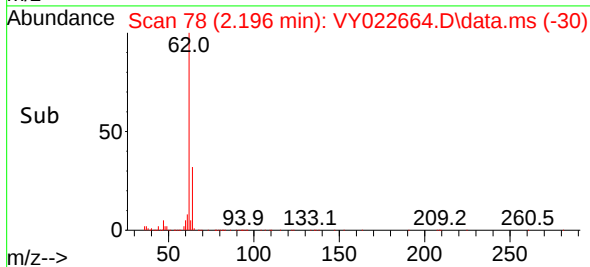
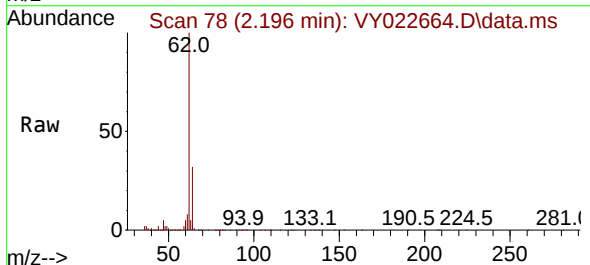
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#4
Vinyl Chloride
Concen: 55.348 ug/l
RT: 2.196 min Scan# 78
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

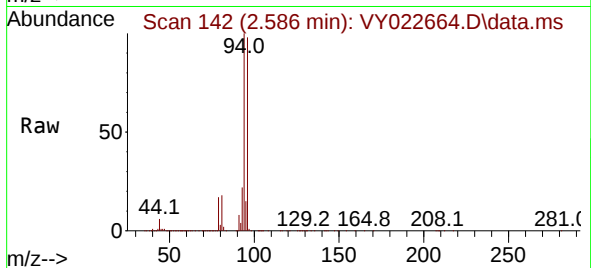
Tgt Ion: 62 Resp: 296607
Ion Ratio Lower Upper
62 100
64 32.1 25.3 37.9





#5
Bromomethane
Concen: 42.795 ug/l
RT: 2.586 min Scan# 144
Delta R.T. -0.012 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

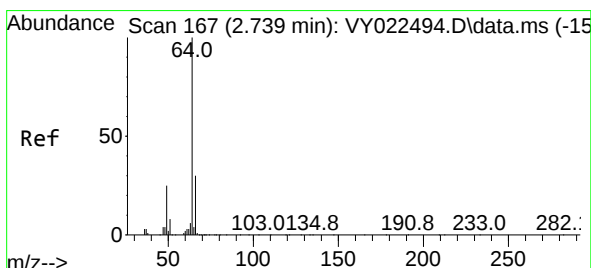
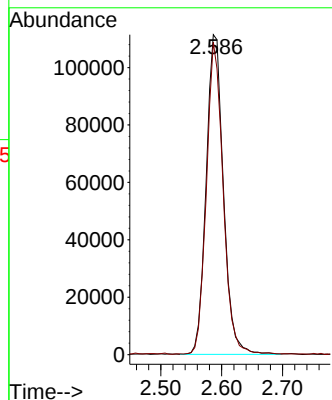
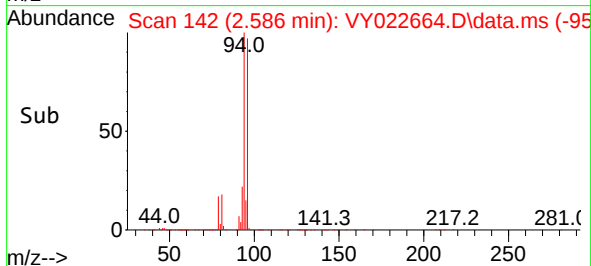
Instrument :
MSVOA_Y
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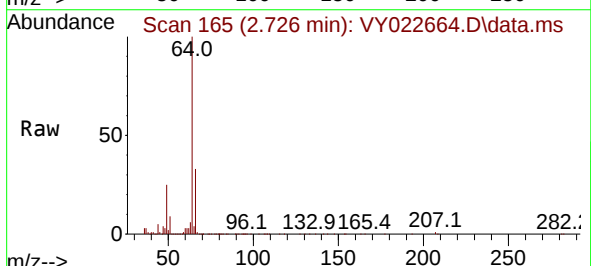
Tgt Ion: 94 Resp: 219808
Ion Ratio Lower Upper
94 100
96 97.4 74.0 111.0

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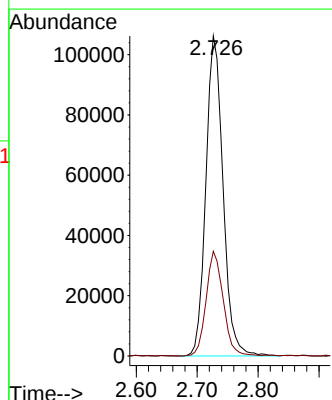
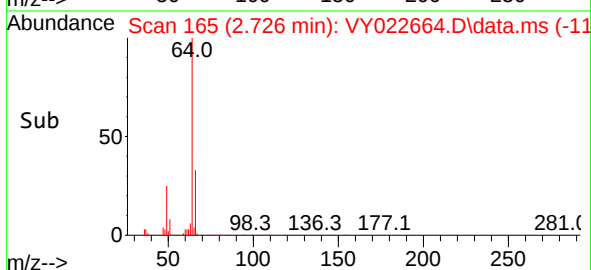
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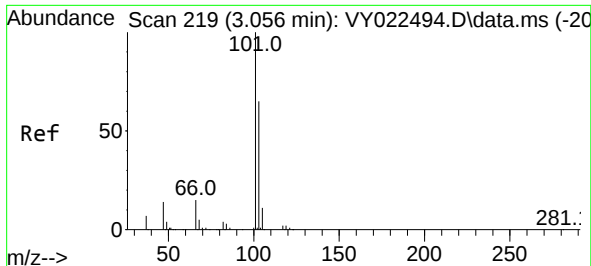


#6
Chloroethane
Concen: 56.588 ug/l
RT: 2.726 min Scan# 165
Delta R.T. -0.012 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07



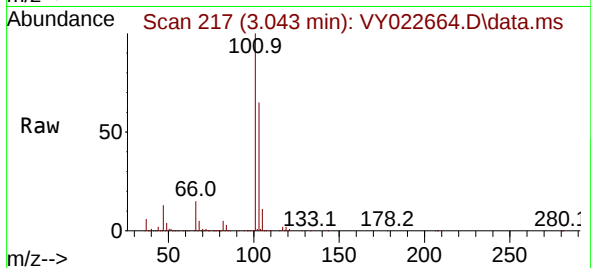
Tgt Ion: 64 Resp: 208143
Ion Ratio Lower Upper
64 100
66 32.7 23.8 35.6





#7
Trichlorofluoromethane
Concen: 57.379 ug/l
RT: 3.043 min Scan# 219
Delta R.T. -0.012 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

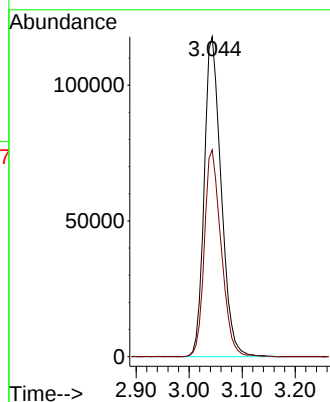
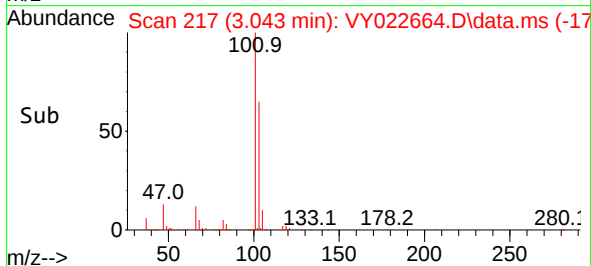
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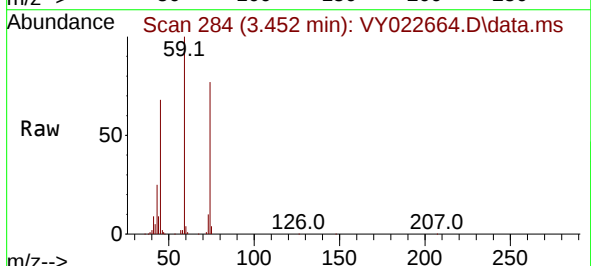
Tgt Ion:101 Resp: 26103
Ion Ratio Lower Upper
101 100
103 64.7 52.2 78.2

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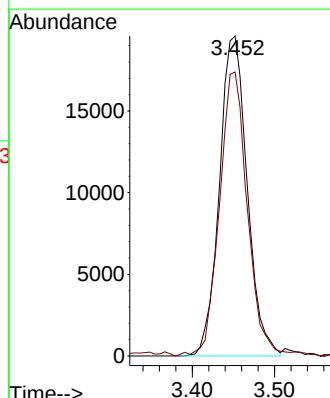
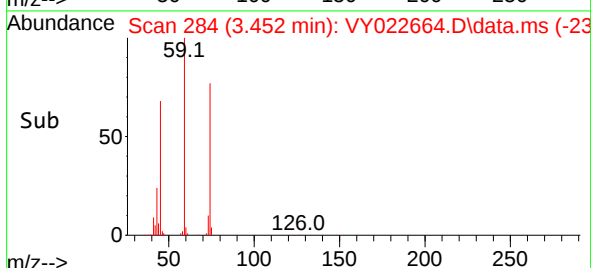
Reviewed By :Mahesh Dadoda 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#8
Diethyl Ether
Concen: 44.860 ug/l
RT: 3.452 min Scan# 284
Delta R.T. -0.012 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07



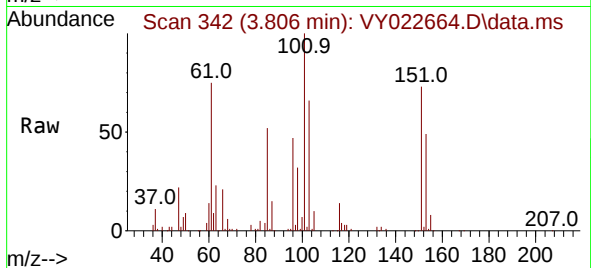
Tgt Ion: 74 Resp: 45960
Ion Ratio Lower Upper
74 100
45 89.6 45.9 137.6





#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.481 ug/l
RT: 3.806 min Scan# 344
Delta R.T. -0.012 min
Lab File: VY022664.D
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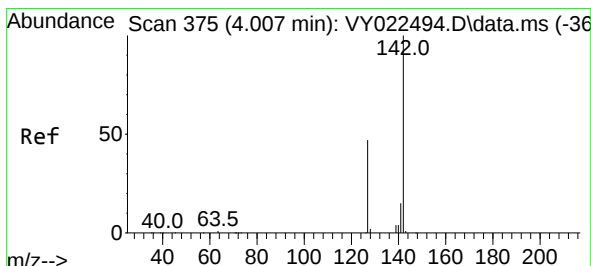
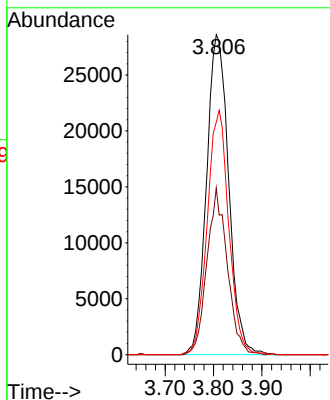
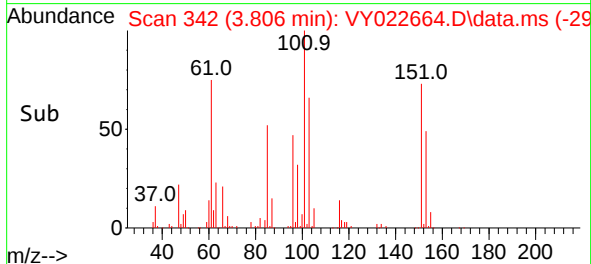
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Tgt Ion:101 Resp: 9097
Ion Ratio Lower Upper
101 100
85 47.9 39.3 58.9
151 74.4 57.8 86.8

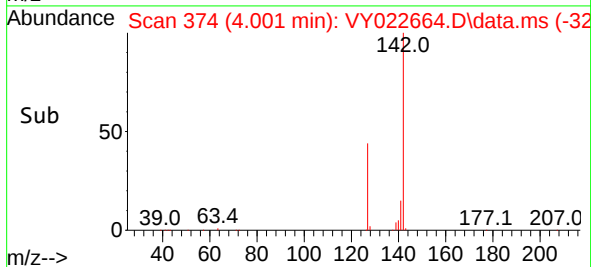
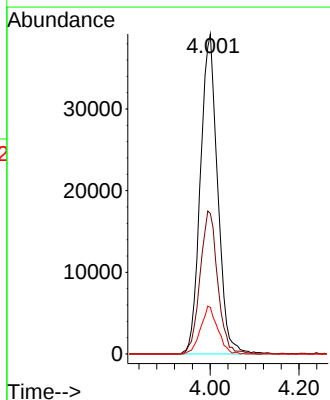
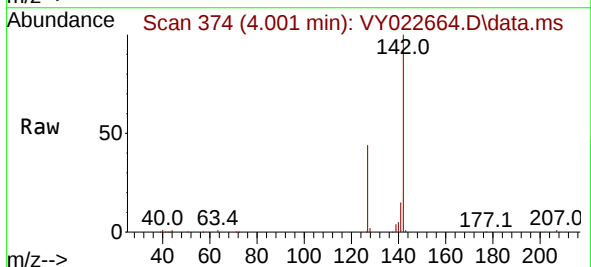
Manual Integrations
APPROVED

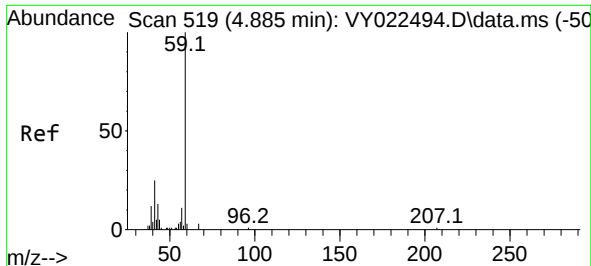
Reviewed By :Mahesh Dadoda 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#10
Methyl Iodide
Concen: 51.004 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

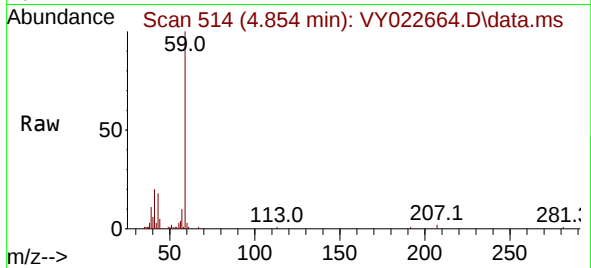
Tgt Ion:142 Resp: 105757
Ion Ratio Lower Upper
142 100
127 45.7 37.1 55.7
141 14.8 11.4 17.2





#11
Tert butyl alcohol
Concen: 227.964 ug/l
RT: 4.854 min Scan# 519
Delta R.T. -0.031 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

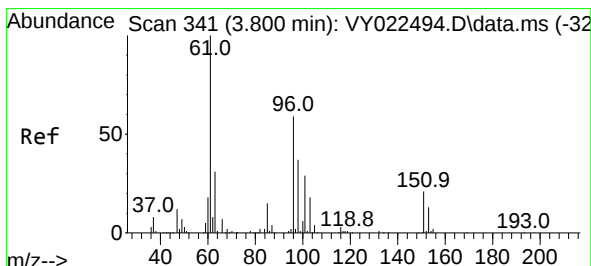
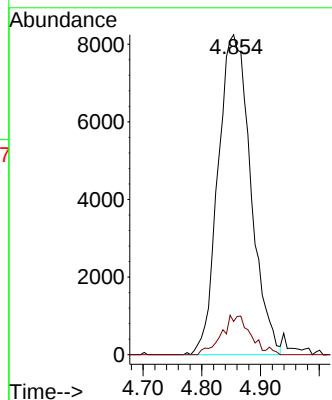
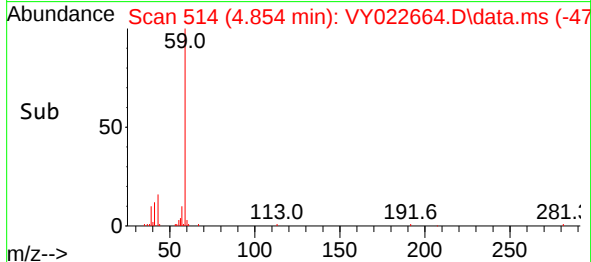
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



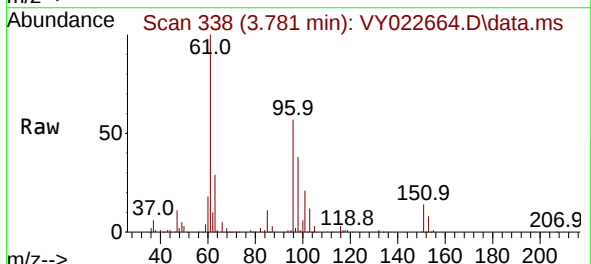
Tgt Ion: 59 Resp: 3180
Ion Ratio Lower Upper
59 100
57 10.6 8.0 12.0

Manual Integrations
APPROVED

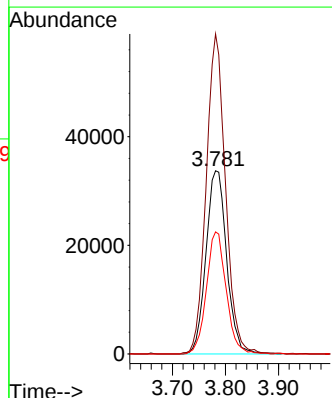
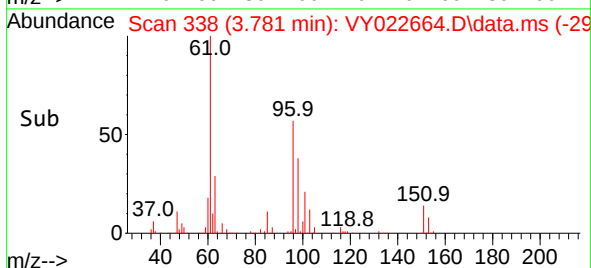
Reviewed By :Mahesh Dadoda 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025

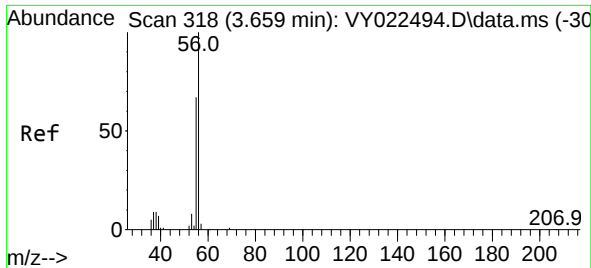


#12
1,1-Dichloroethene
Concen: 49.887 ug/l
RT: 3.781 min Scan# 338
Delta R.T. -0.018 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07



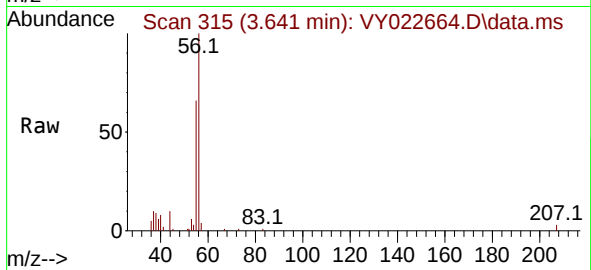
Tgt Ion: 96 Resp: 91369
Ion Ratio Lower Upper
96 100
61 174.7 134.6 201.8
98 66.7 50.2 75.4





#13
Acrolein
Concen: 98.468 ug/l
RT: 3.641 min Scan# 315
Delta R.T. -0.018 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

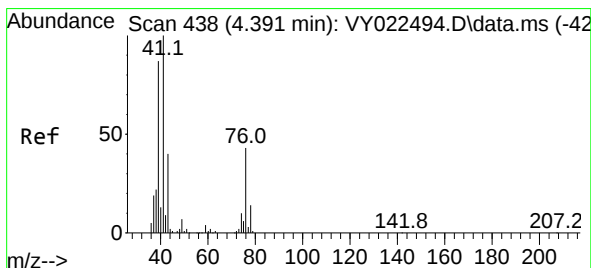
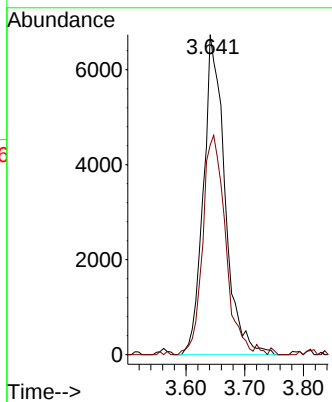
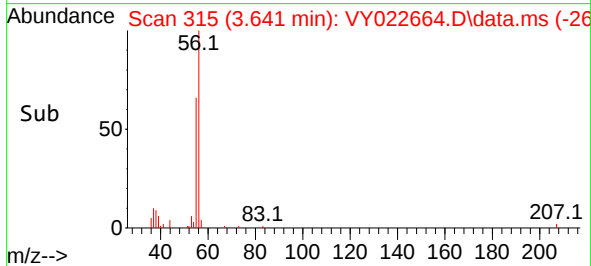
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 1712
Ion Ratio Lower Upper
56 100
55 72.0 57.0 85.6

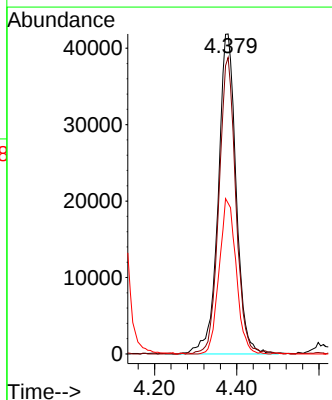
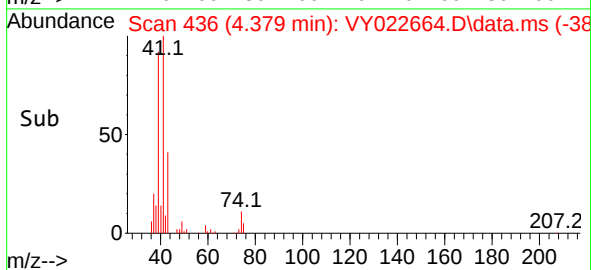
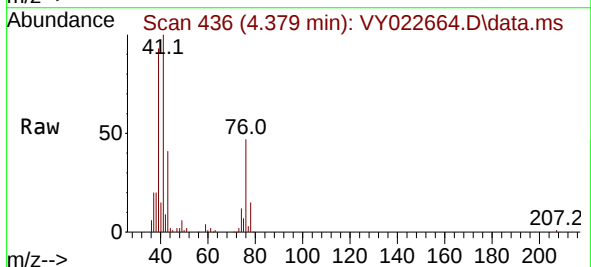
Manual Integrations
APPROVED

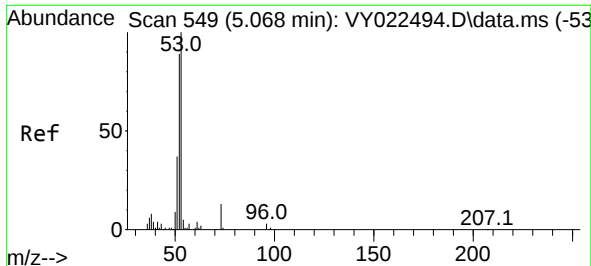
Reviewed By :Mahesh Dadoda 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#14
Allyl chloride
Concen: 44.108 ug/l
RT: 4.379 min Scan# 436
Delta R.T. -0.012 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

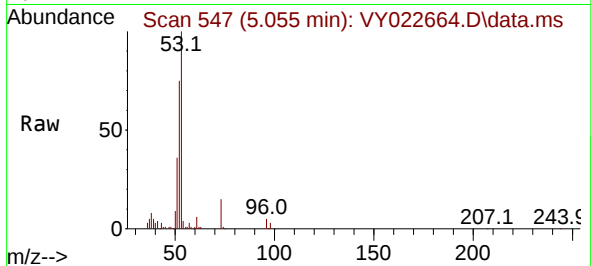
Tgt Ion: 41 Resp: 126821
Ion Ratio Lower Upper
41 100
39 87.4 69.1 103.7
76 46.0 33.5 50.3





#15
Acrylonitrile
Concen: 219.381 ug/l
RT: 5.055 min Scan# 549
Delta R.T. -0.012 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

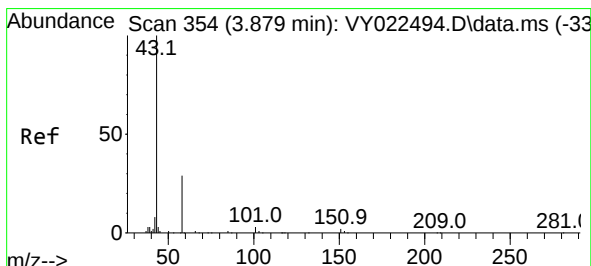
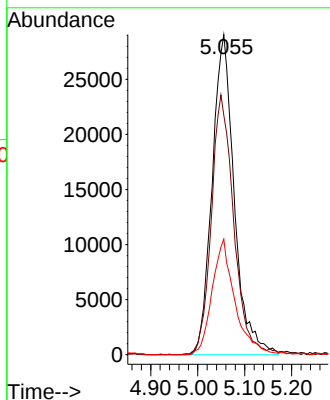
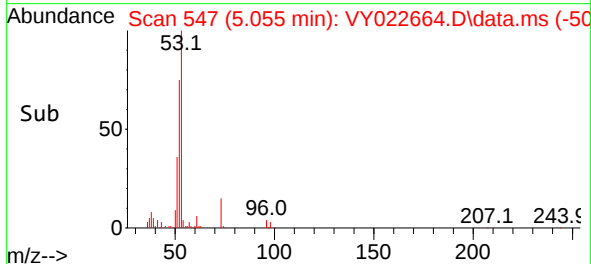
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



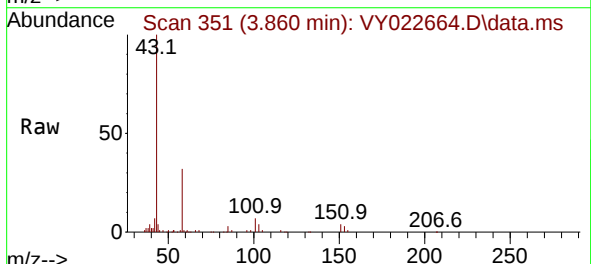
Tgt Ion: 53 Resp: 95190
Ion Ratio Lower Upper
53 100
52 82.2 65.7 98.5
51 37.0 30.1 45.1

Manual Integrations
APPROVED

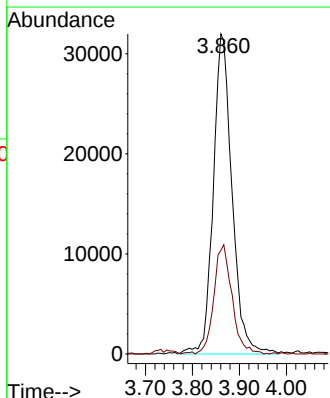
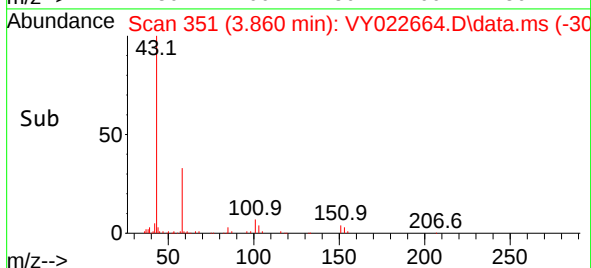
Reviewed By :Mahesh Dadoda 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025

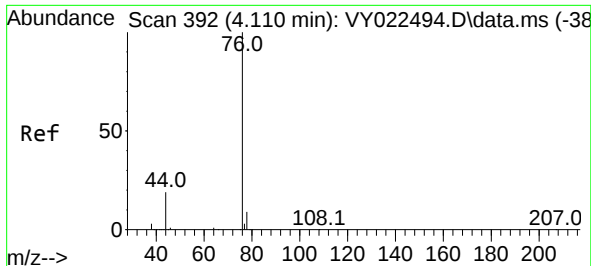


#16
Acetone
Concen: 223.295 ug/l
RT: 3.860 min Scan# 351
Delta R.T. -0.018 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07



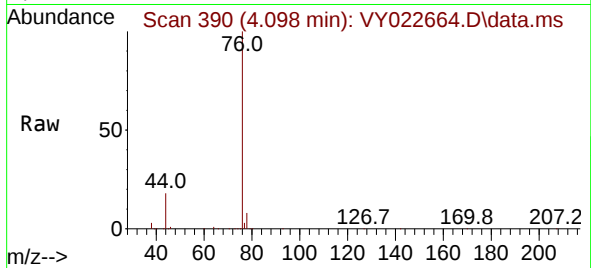
Tgt Ion: 43 Resp: 88582
Ion Ratio Lower Upper
43 100
58 32.4 24.0 36.0





#17
Carbon Disulfide
Concen: 45.254 ug/l
RT: 4.098 min Scan# 392
Delta R.T. -0.012 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

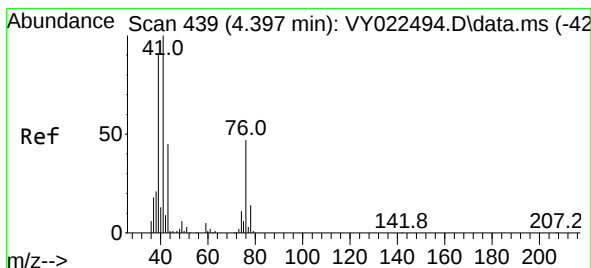
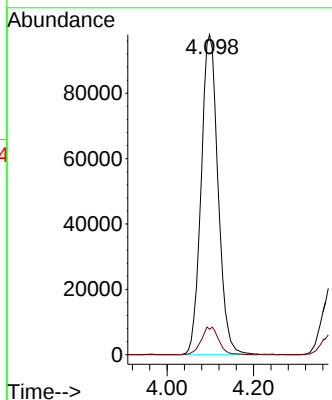
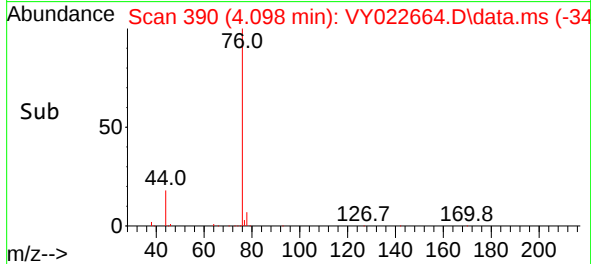
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 26535
Ion Ratio Lower Upper
76 100
78 7.9 7.4 11.2

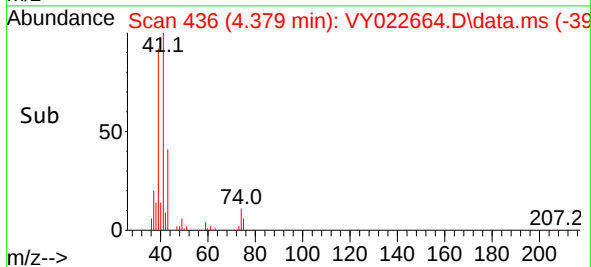
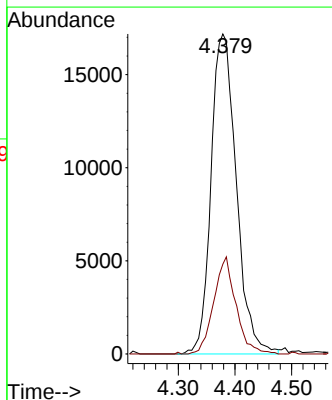
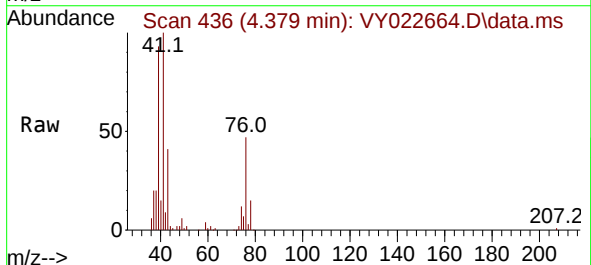
Manual Integrations
APPROVED

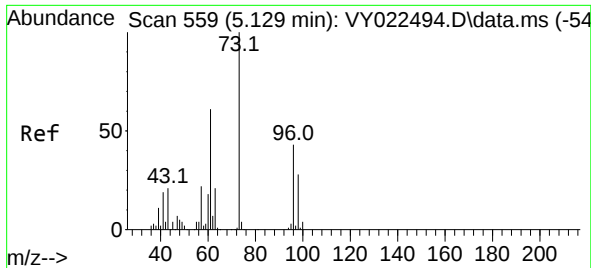
Reviewed By :Mahesh Dadoda 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#18
Methyl Acetate
Concen: 45.242 ug/l
RT: 4.379 min Scan# 436
Delta R.T. -0.018 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

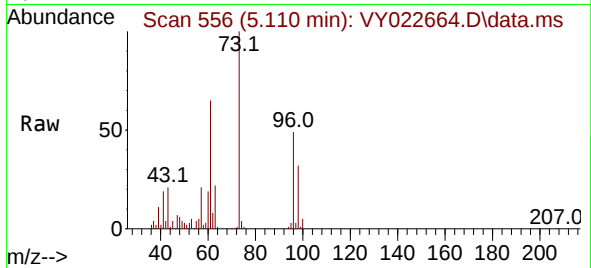
Tgt Ion: 43 Resp: 53148
Ion Ratio Lower Upper
43 100
74 26.6 19.8 29.6





#19
Methyl tert-butyl Ether
Concen: 46.344 ug/l
RT: 5.110 min Scan# 5110
Delta R.T. -0.018 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

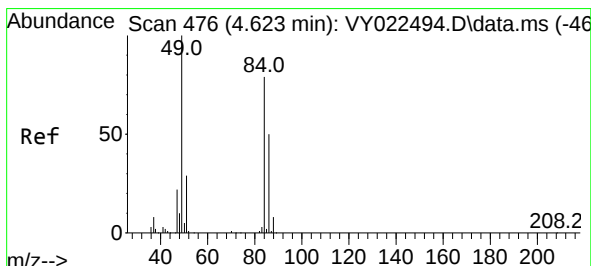
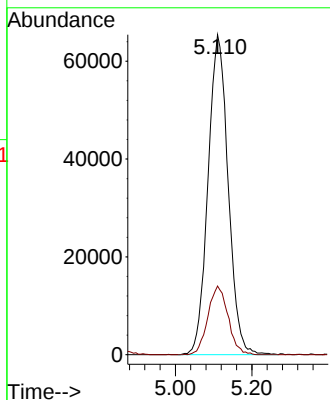
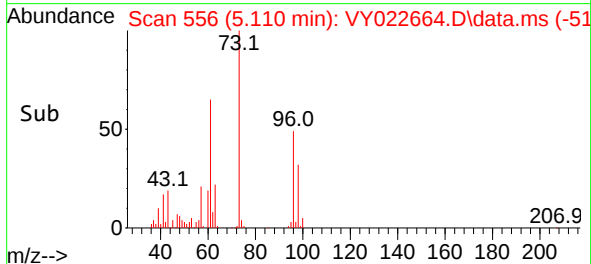
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 23907
Ion Ratio Lower Upper
73 100
57 21.4 17.4 26.0

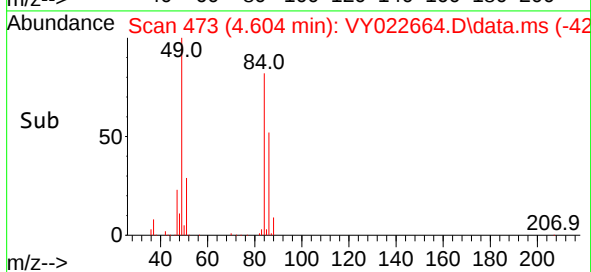
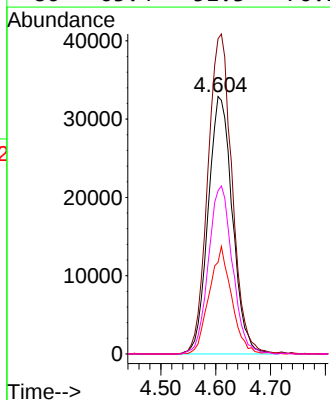
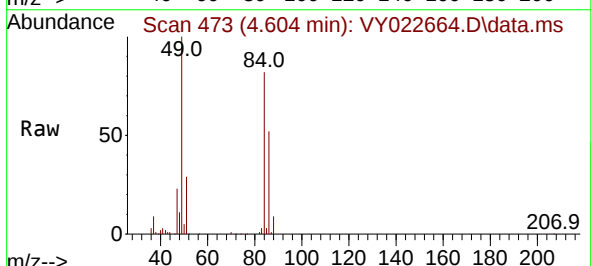
Manual Integrations
APPROVED

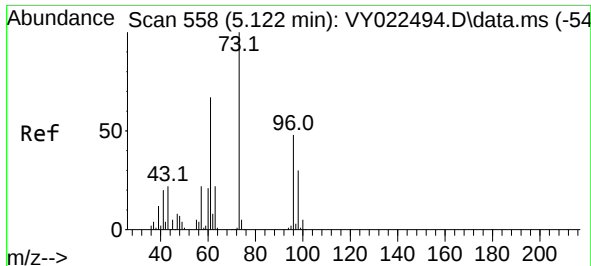
Reviewed By :Mahesh Dadoda 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#20
Methylene Chloride
Concen: 44.947 ug/l
RT: 4.604 min Scan# 473
Delta R.T. -0.018 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

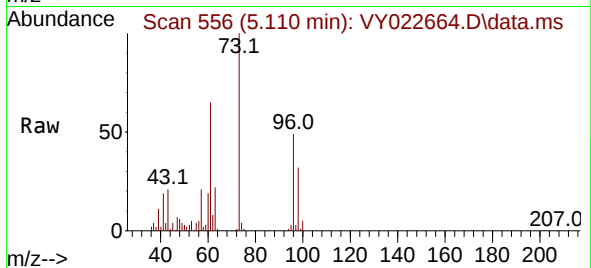
Tgt Ion: 84 Resp: 101284
Ion Ratio Lower Upper
84 100
49 122.4 101.9 152.9
51 35.4 29.8 44.8
86 63.4 51.3 76.9





#21
trans-1,2-Dichloroethene
Concen: 48.528 ug/l
RT: 5.110 min Scan# 5110
Delta R.T. -0.012 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

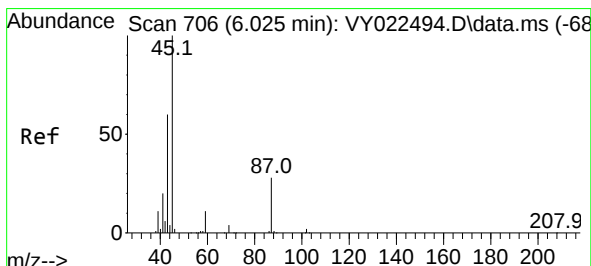
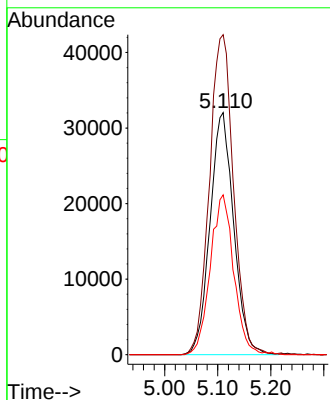
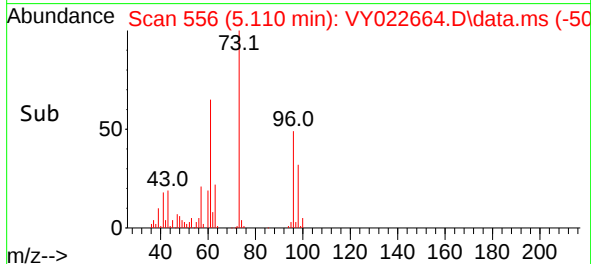
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 99475
Ion Ratio Lower Upper
96 100
61 132.2 112.6 169.0
98 66.0 50.6 75.8

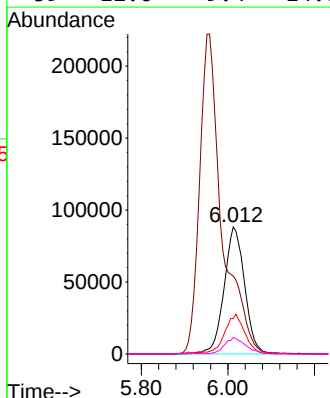
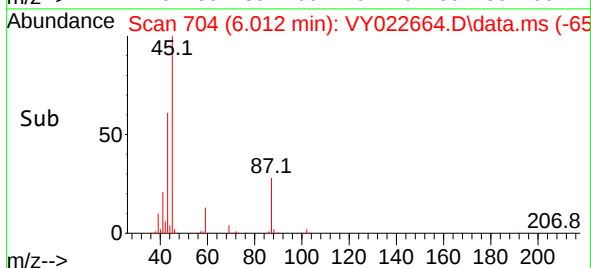
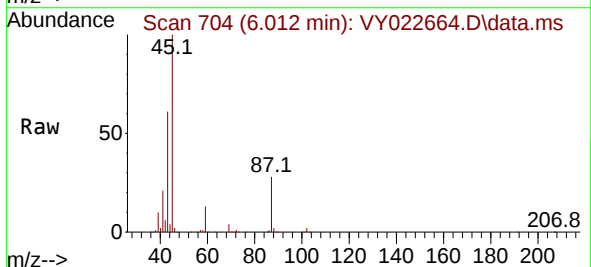
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#22
Diisopropyl ether
Concen: 45.396 ug/l
RT: 6.012 min Scan# 704
Delta R.T. -0.012 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

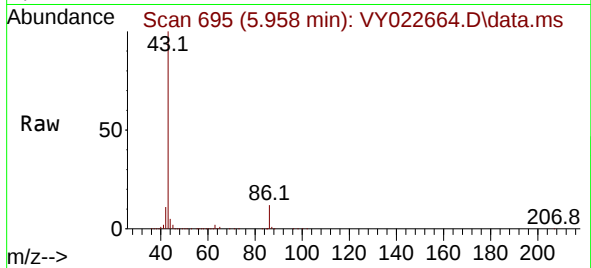
Tgt Ion: 45 Resp: 290531
Ion Ratio Lower Upper
45 100
43 61.2 48.3 72.5
87 27.8 23.0 34.6
59 12.6 9.4 14.0





#23
 Vinyl Acetate
 Concen: 210.554 ug/l
 RT: 5.958 min Scan# 695
 Delta R.T. -0.012 min
 Lab File: VY022664.D
 Acq: 11 Jun 2025 15:07

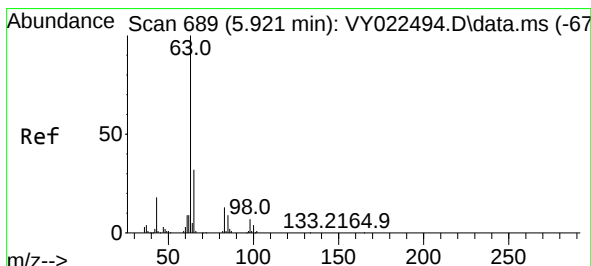
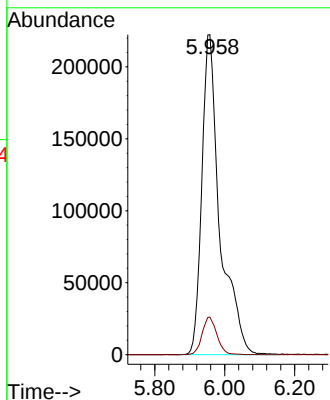
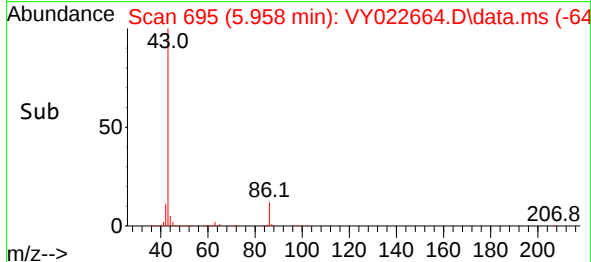
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC



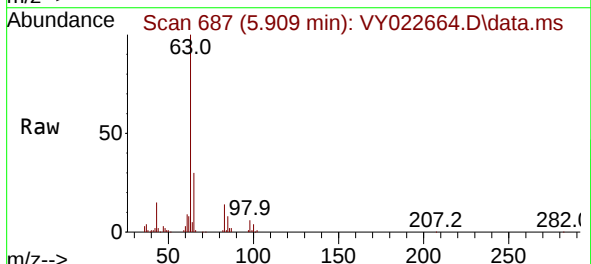
Tgt Ion: 43 Resp: 797579
 Ion Ratio Lower Upper
 43 100
 86 11.8 8.6 12.8

Manual Integrations
 APPROVED

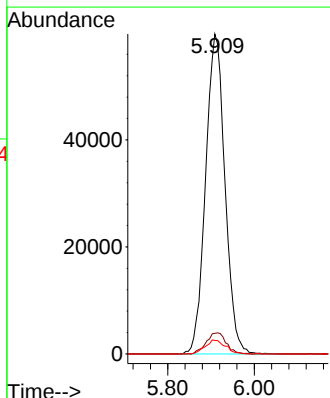
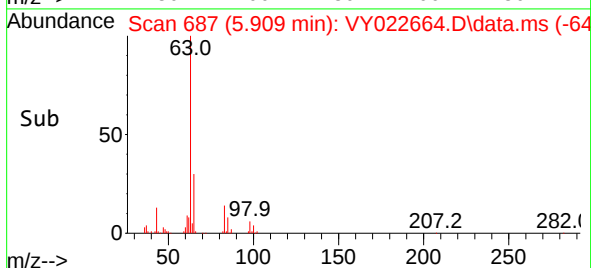
Reviewed By :Mahesh Dadoda 06/12/2025
 Supervised By :Semsettin Yesilyurt 06/12/2025



#24
 1,1-Dichloroethane
 Concen: 49.271 ug/l
 RT: 5.909 min Scan# 687
 Delta R.T. -0.012 min
 Lab File: VY022664.D
 Acq: 11 Jun 2025 15:07



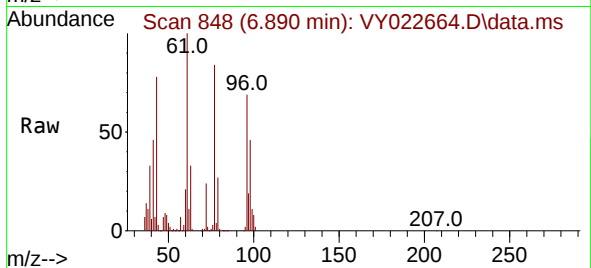
Tgt Ion: 63 Resp: 185766
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.4 10.1
 100 4.2 2.1 6.3





#25
2-Butanone
Concen: 218.612 ug/l
RT: 6.890 min Scan# 846
Delta R.T. -0.012 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

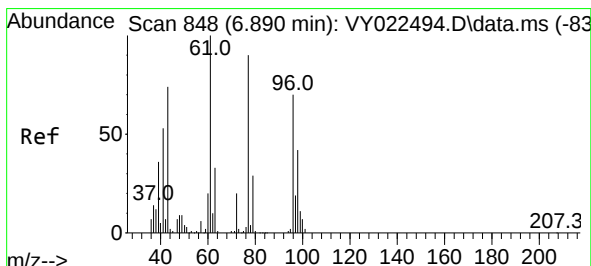
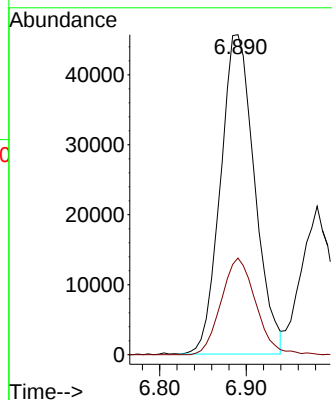
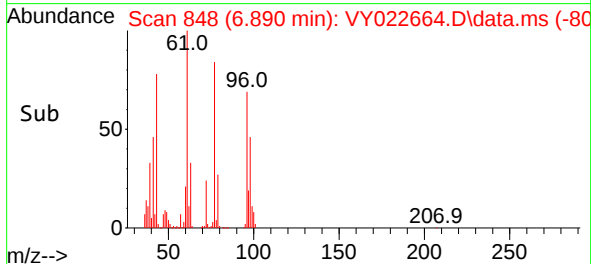
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



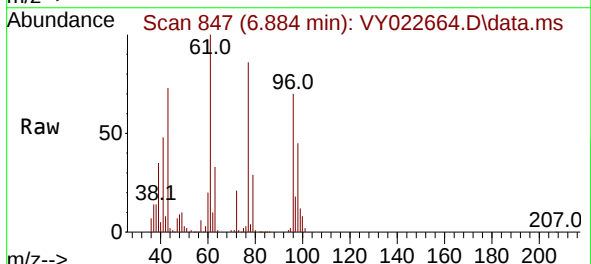
Tgt Ion: 43 Resp: 12509
Ion Ratio Lower Upper
43 100
72 30.3 22.9 34.3

Manual Integrations
APPROVED

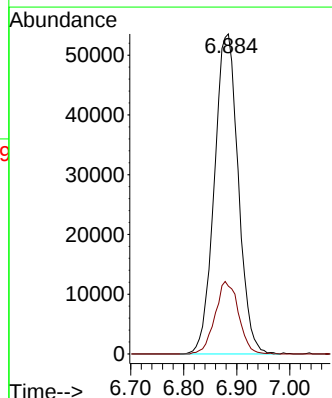
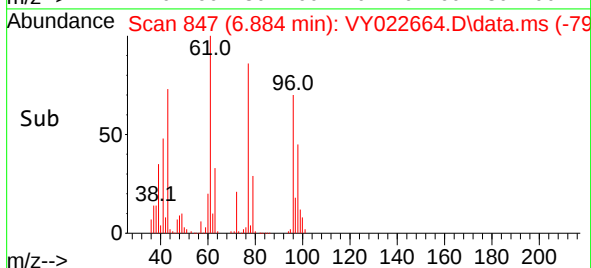
Reviewed By :Mahesh Dadoda 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025

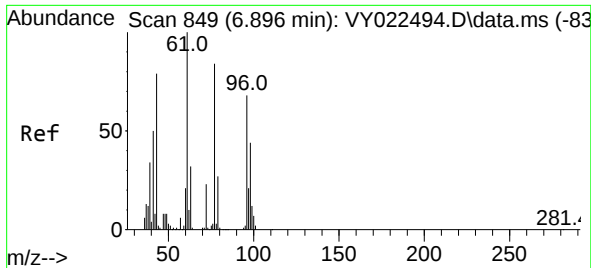


#26
2,2-Dichloropropane
Concen: 50.298 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07



Tgt Ion: 77 Resp: 167558
Ion Ratio Lower Upper
77 100
97 22.2 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 50.429 ug/l

RT: 6.884 min Scan# 84

Delta R.T. -0.012 min

Lab File: VY022664.D

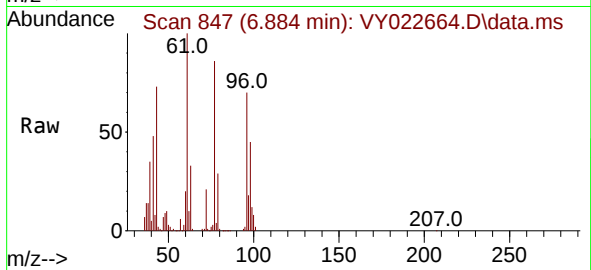
Acq: 11 Jun 2025 15:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 96 Resp: 119480

Ion Ratio Lower Upper

96 100

61 142.1 0.0 290.0

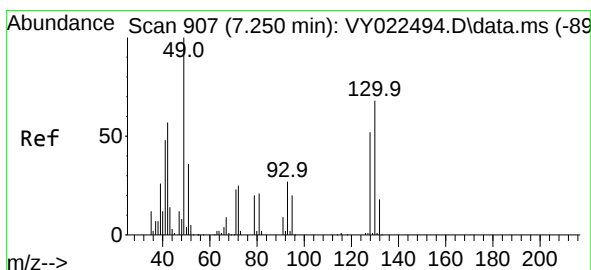
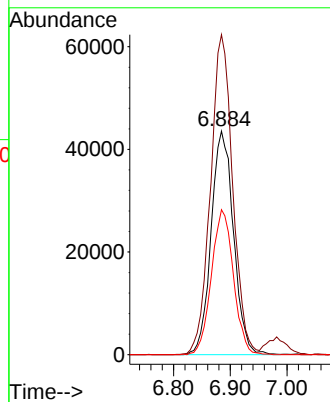
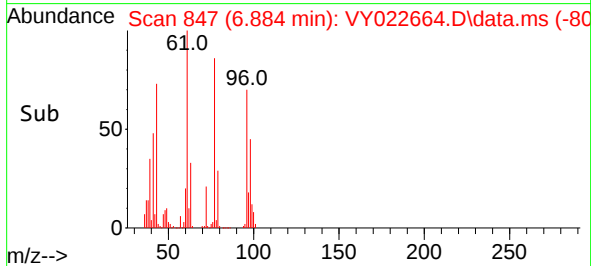
98 63.8 0.0 128.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/12/2025

Supervised By :Semsettin Yesilyurt 06/12/2025



#28

Bromochloromethane

Concen: 44.621 ug/l

RT: 7.244 min Scan# 906

Delta R.T. -0.006 min

Lab File: VY022664.D

Acq: 11 Jun 2025 15:07

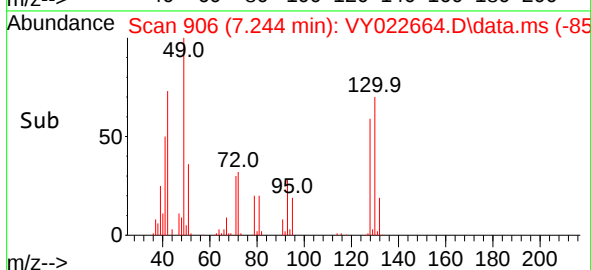
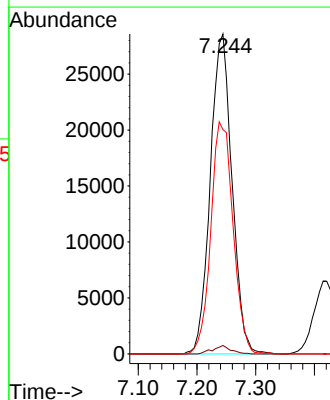
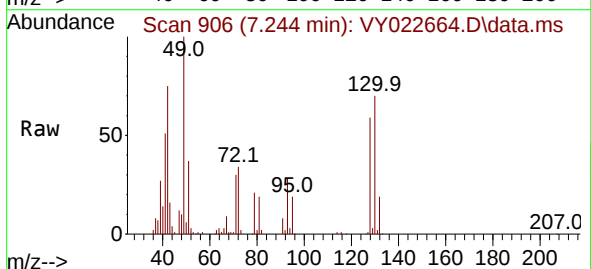
Tgt Ion: 49 Resp: 73335

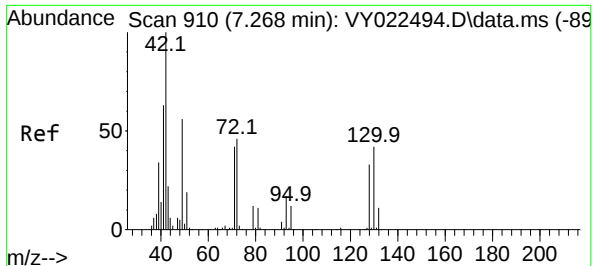
Ion Ratio Lower Upper

49 100

129 2.2 0.0 3.6

130 74.4 55.7 83.5





#29

Tetrahydrofuran

Concen: 210.910 ug/l

RT: 7.256 min Scan# 908

Delta R.T. -0.012 min

Lab File: VY022664.D

Acq: 11 Jun 2025 15:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

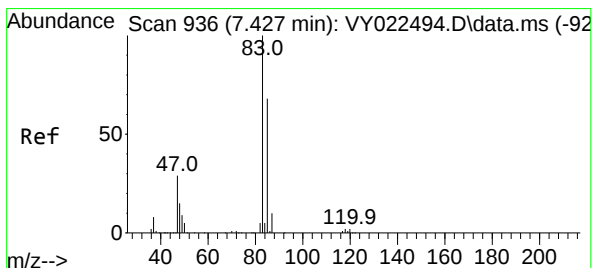
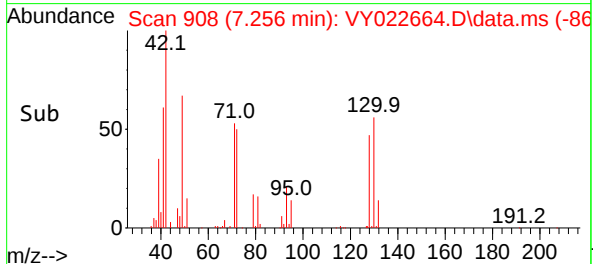
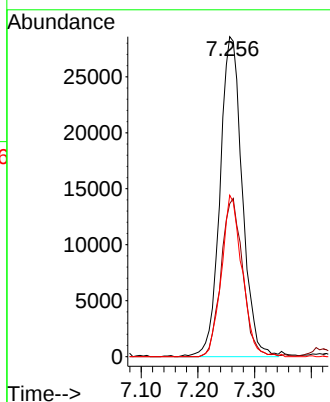
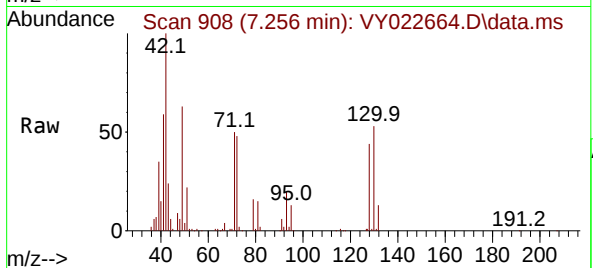
Tgt Ion: 42 Resp: 77840

Ion	Ratio	Lower	Upper
42	100		
72	48.3	37.4	56.2
71	47.0	34.2	51.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#30

Chloroform

Concen: 50.234 ug/l

RT: 7.415 min Scan# 934

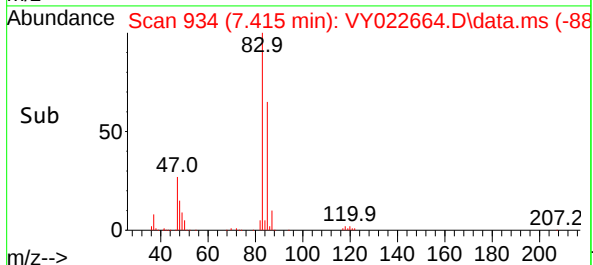
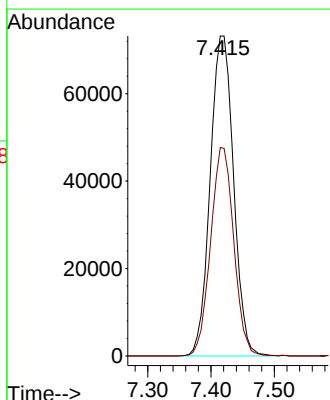
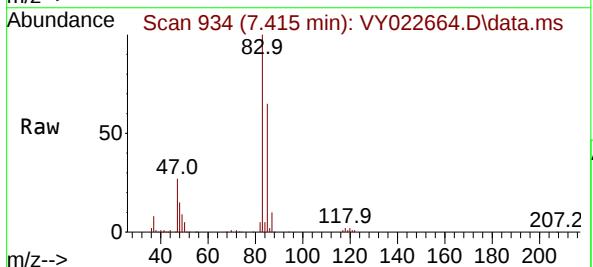
Delta R.T. -0.012 min

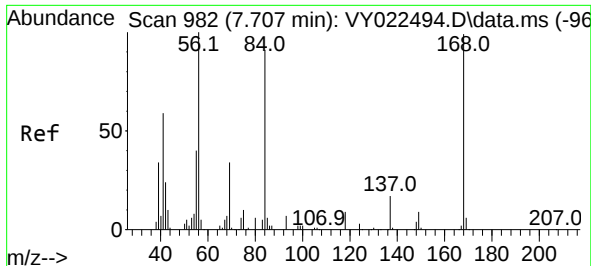
Lab File: VY022664.D

Acq: 11 Jun 2025 15:07

Tgt Ion: 83 Resp: 187597

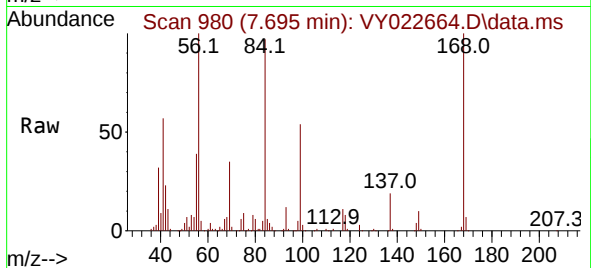
Ion	Ratio	Lower	Upper
83	100		
85	65.2	54.2	81.4





#31
Cyclohexane
Concen: 42.579 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

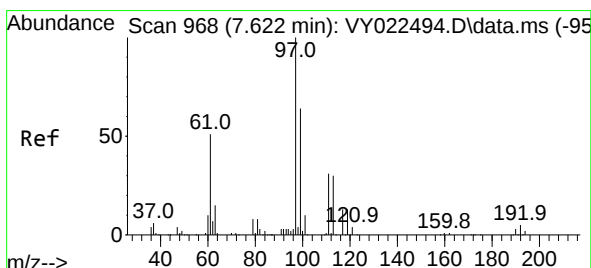
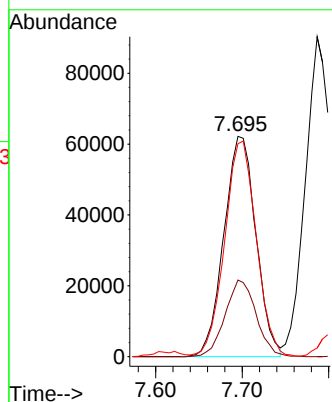
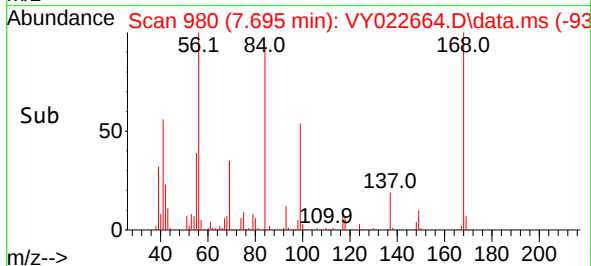
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 15982
Ion Ratio Lower Upper
56 100
69 34.8 27.0 40.6
84 95.2 72.6 109.0

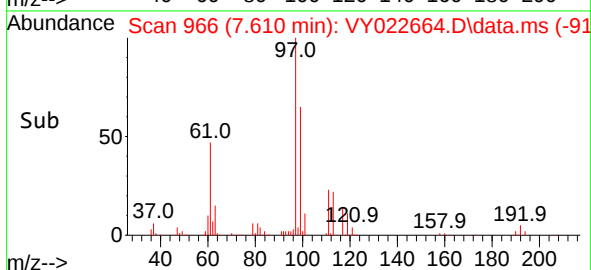
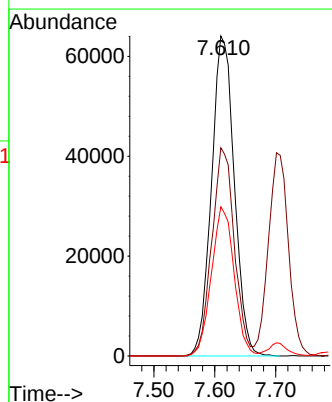
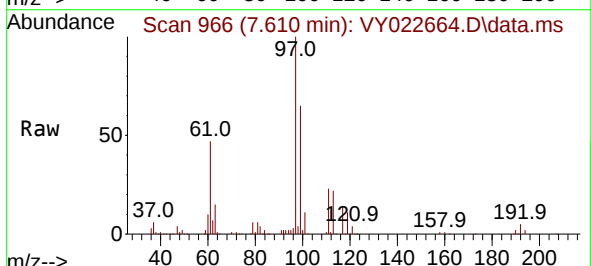
Manual Integrations
APPROVED

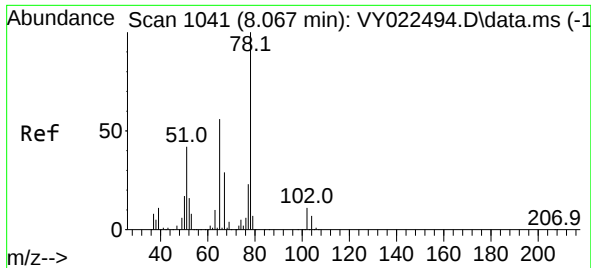
Reviewed By :Mahesh Dadoda 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#32
1,1,1-Trichloroethane
Concen: 50.229 ug/l
RT: 7.610 min Scan# 966
Delta R.T. -0.012 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion: 97 Resp: 166517
Ion Ratio Lower Upper
97 100
99 64.3 50.9 76.3
61 46.4 38.5 57.7





#33
1,2-Dichloroethane-d4
Concen: 45.131 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Instrument :

MSVOA_Y

ClientSampleId :

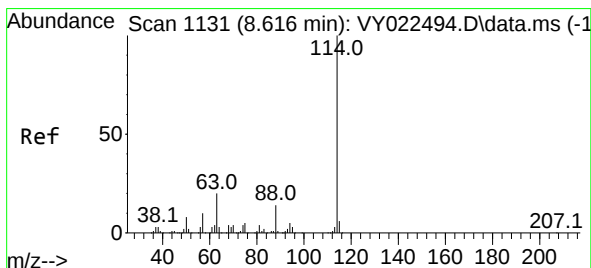
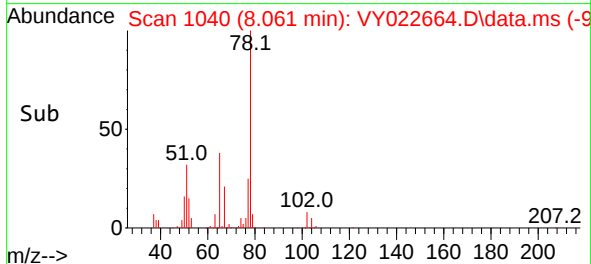
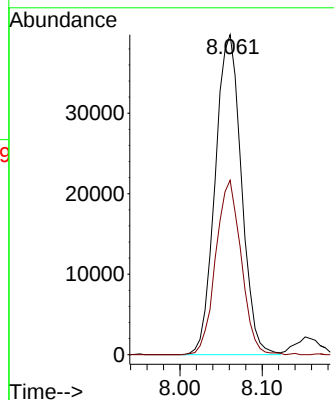
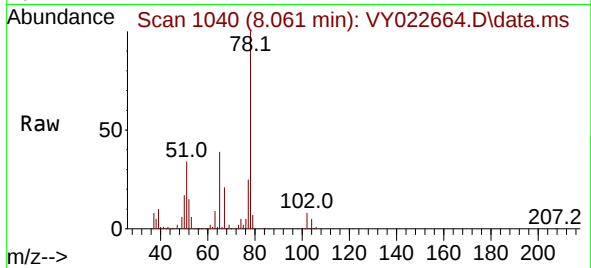
VSTDCCC050EC

Tgt Ion: 65 Resp: 8815
Ion Ratio Lower Upper
65 100
67 52.9 0.0 103.4

Manual Integrations

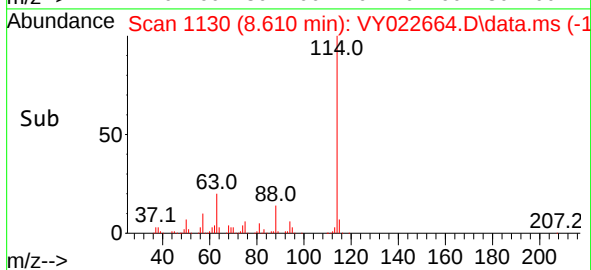
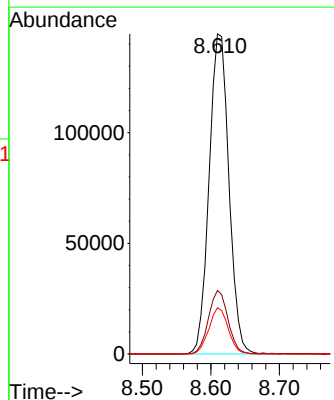
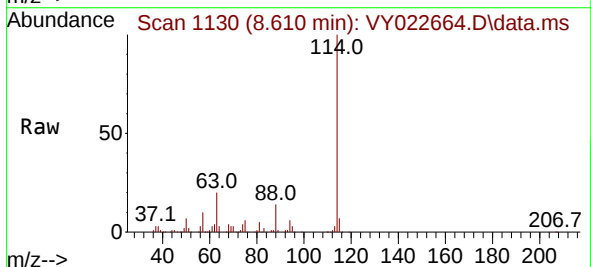
APPROVED

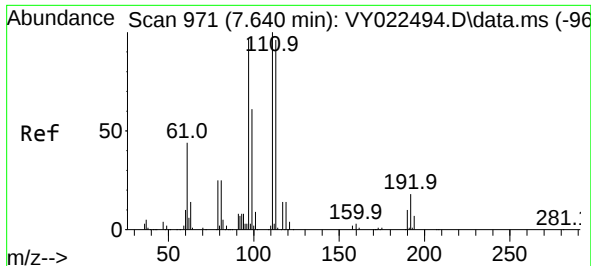
Reviewed By :Mahesh Dadoda 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.610 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

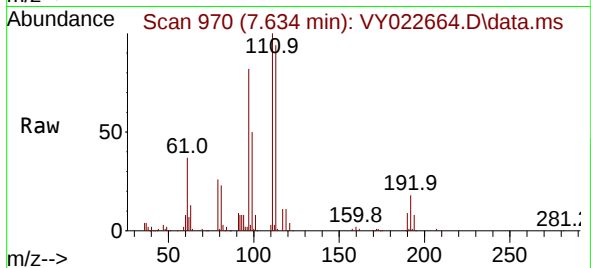
Tgt Ion:114 Resp: 290386
Ion Ratio Lower Upper
114 100
63 19.8 0.0 40.8
88 14.4 0.0 27.8





#35
Dibromofluoromethane
Concen: 49.517 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

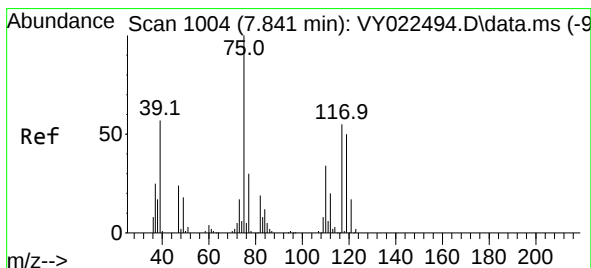
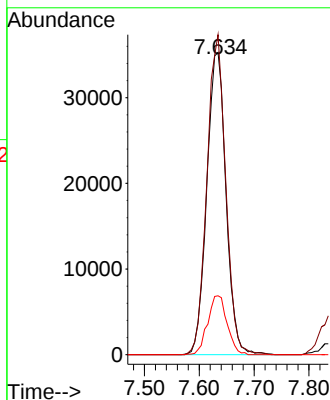
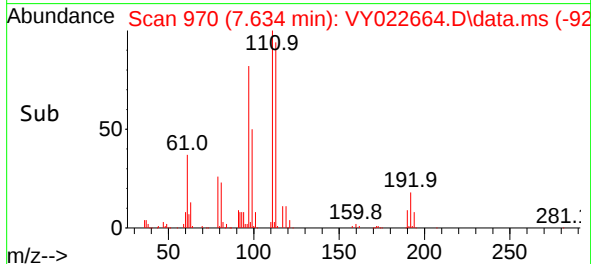
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 113 Resp: 8582
Ion Ratio Lower Upper
113 100
111 103.4 81.1 121.7
192 19.7 14.2 21.2

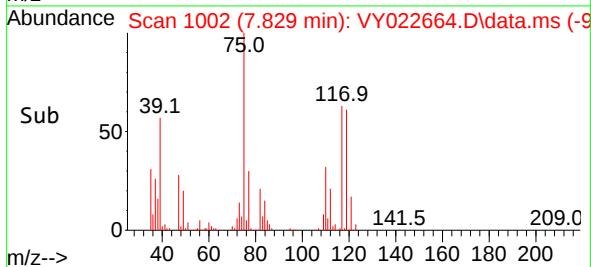
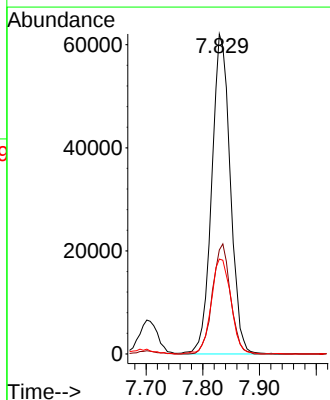
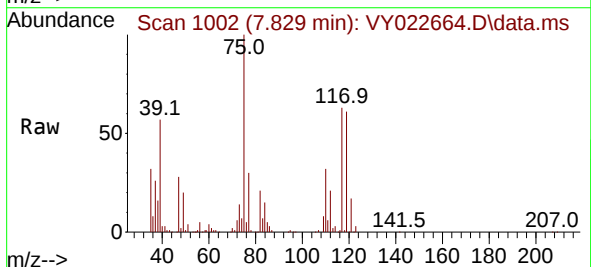
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#36
1,1-Dichloropropene
Concen: 50.076 ug/l
RT: 7.829 min Scan# 1002
Delta R.T. -0.012 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

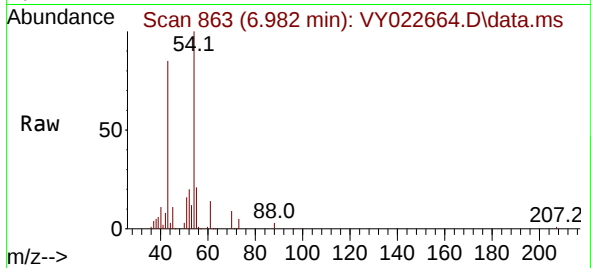
Tgt Ion: 75 Resp: 140868
Ion Ratio Lower Upper
75 100
110 33.5 16.9 50.7
77 31.7 24.8 37.2





#37
Ethyl Acetate
Concen: 43.311 ug/l
RT: 6.982 min Scan# 80
Delta R.T. -0.012 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

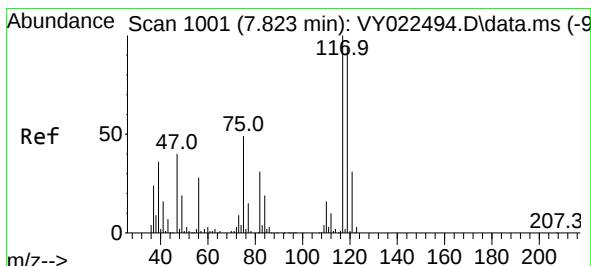
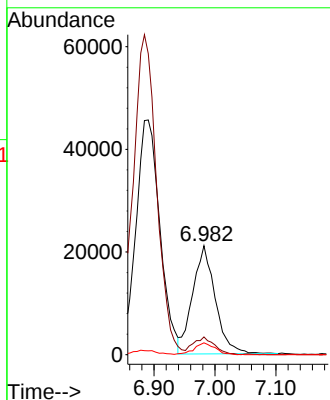
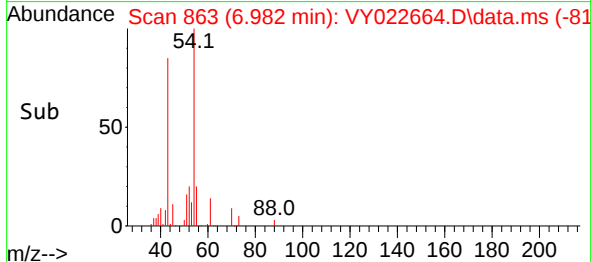
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 54334
Ion Ratio Lower Upper
43 100
61 15.2 11.5 17.3
70 10.0 7.2 10.8

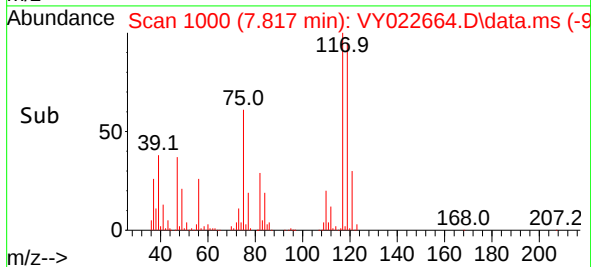
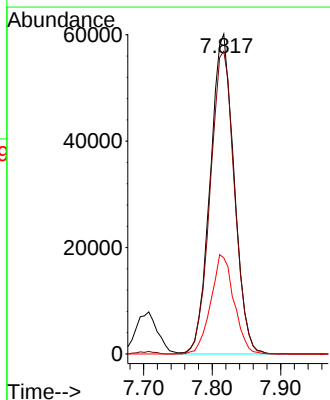
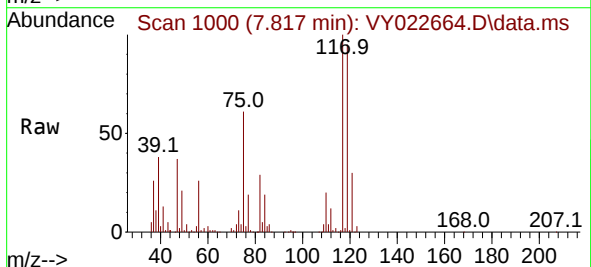
Manual Integrations
APPROVED

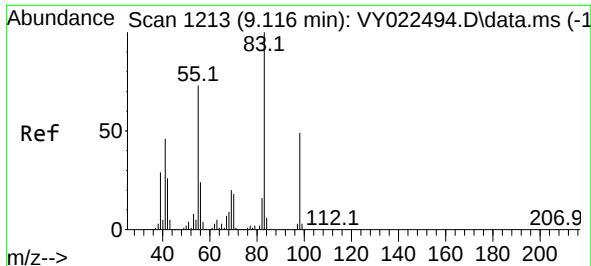
Reviewed By :Mahesh Dadoda 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#38
Carbon Tetrachloride
Concen: 50.408 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion:117 Resp: 145468
Ion Ratio Lower Upper
117 100
119 94.6 75.0 112.6
121 30.0 25.0 37.4





#39

Methylcyclohexane

Concen: 46.938 ug/l

RT: 9.109 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022664.D

Acq: 11 Jun 2025 15:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

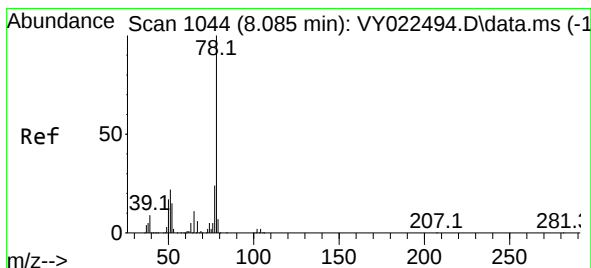
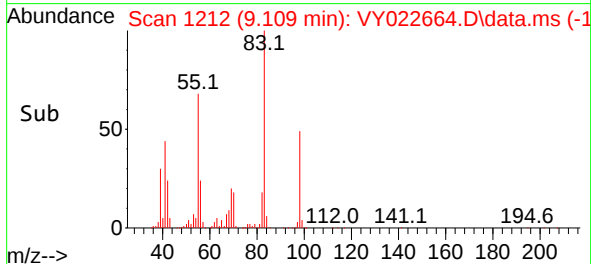
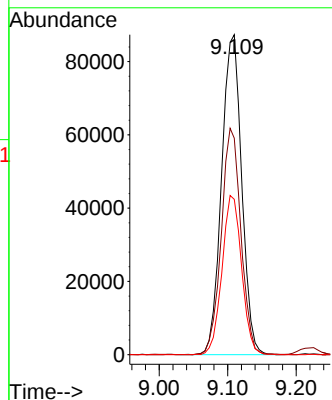
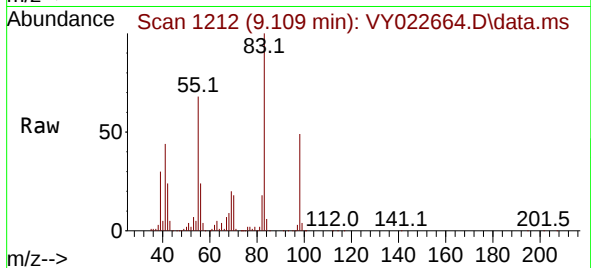
Tgt Ion: 83 Resp: 17744

Ion	Ratio	Lower	Upper
83	100		
55	67.6	58.1	87.1
98	48.5	39.0	58.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#40

Benzene

Concen: 51.354 ug/l

RT: 8.079 min Scan# 1043

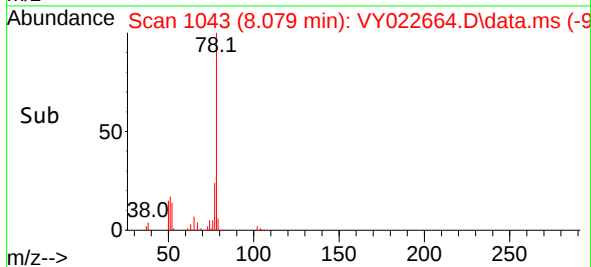
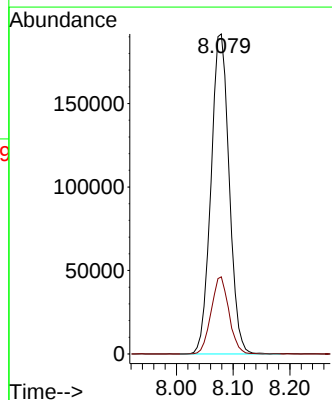
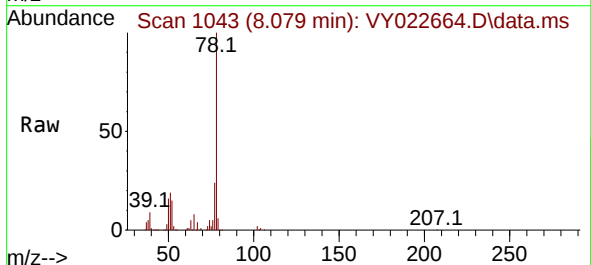
Delta R.T. -0.006 min

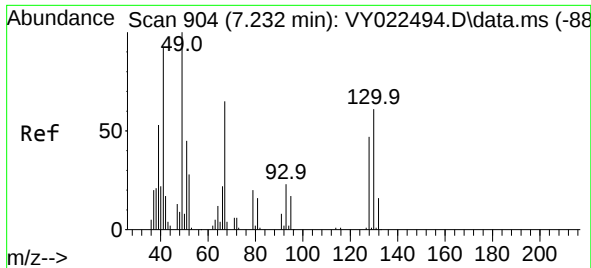
Lab File: VY022664.D

Acq: 11 Jun 2025 15:07

Tgt Ion: 78 Resp: 426686

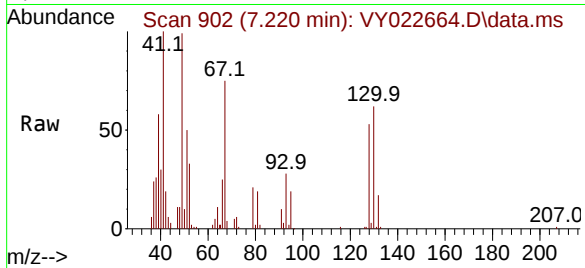
Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.3	28.9





#41
Methacrylonitrile
Concen: 41.292 ug/l m
RT: 7.220 min Scan# 904
Delta R.T. -0.012 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

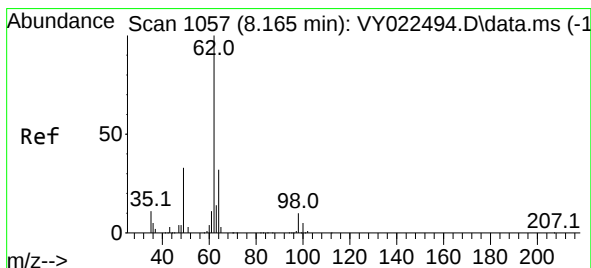
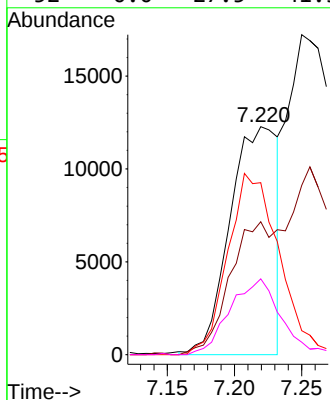
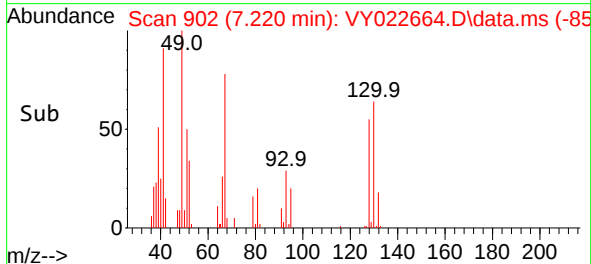
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 3025
Ion Ratio Lower Upper
41 100
39 70.9 46.6 69.8
67 0.0 63.3 94.9
52 0.0 27.5 41.3#

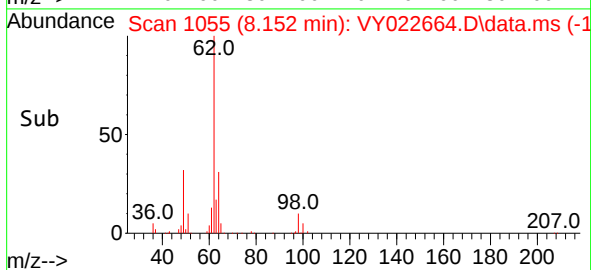
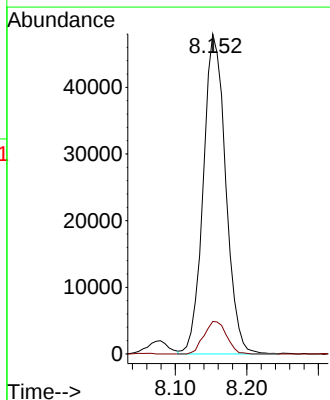
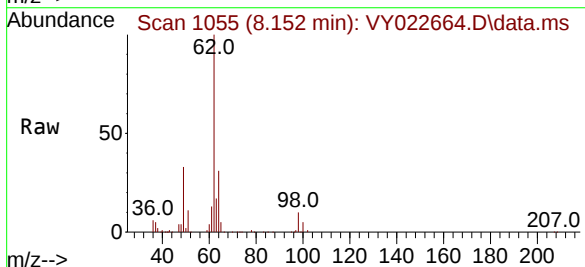
Manual Integrations
APPROVED

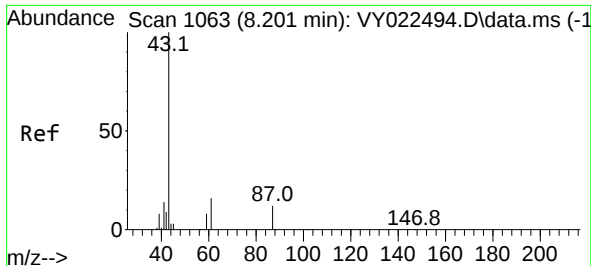
Reviewed By :Mahesh Dadoda 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#42
1,2-Dichloroethane
Concen: 46.095 ug/l
RT: 8.152 min Scan# 1055
Delta R.T. -0.012 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

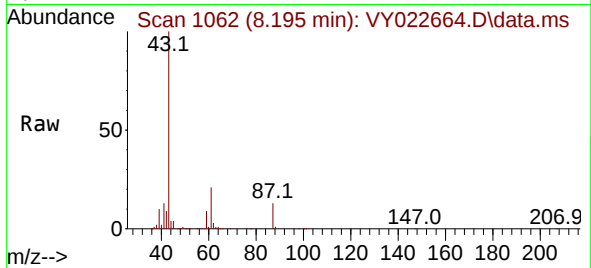
Tgt Ion: 62 Resp: 104573
Ion Ratio Lower Upper
62 100
98 10.2 0.0 19.2





#43
Isopropyl Acetate
Concen: 44.305 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

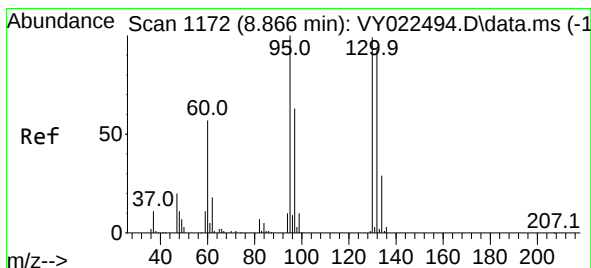
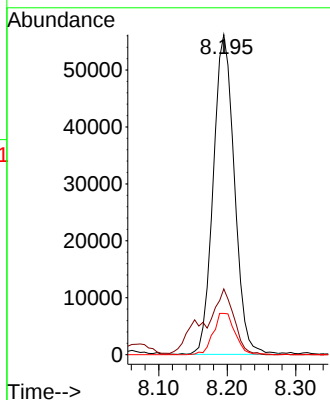
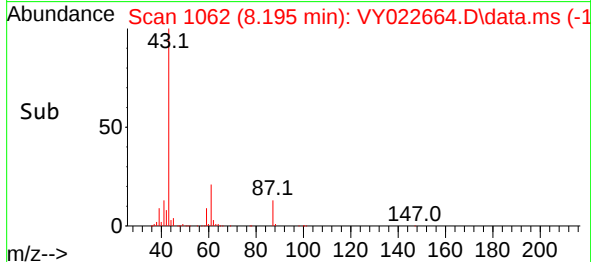
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 120039
Ion Ratio Lower Upper
43 100
61 19.3 15.6 23.4
87 13.4 10.2 15.4

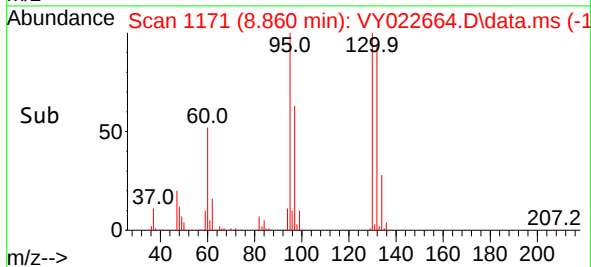
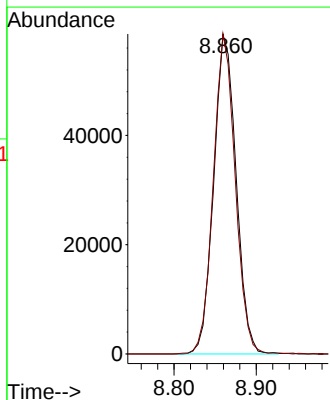
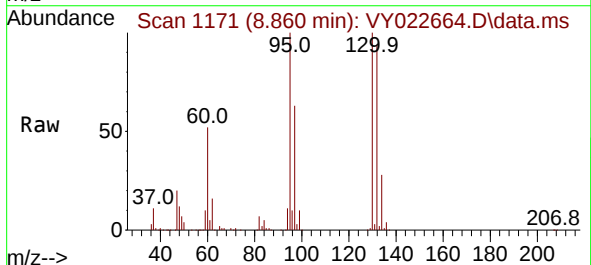
Manual Integrations
APPROVED

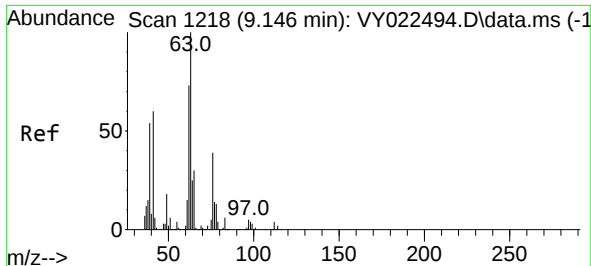
Reviewed By :Mahesh Dadoda 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#44
Trichloroethene
Concen: 54.584 ug/l
RT: 8.860 min Scan# 1171
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion:130 Resp: 110843
Ion Ratio Lower Upper
130 100
95 100.1 0.0 203.0





#45

1,2-Dichloropropane

Concen: 50.184 ug/l

RT: 9.140 min Scan# 1218

Delta R.T. -0.006 min

Lab File: VY022664.D

Acq: 11 Jun 2025 15:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 9854

Ion Ratio Lower Upper

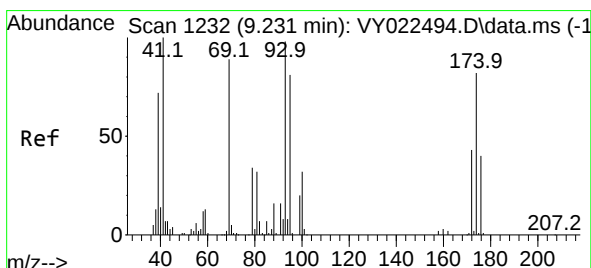
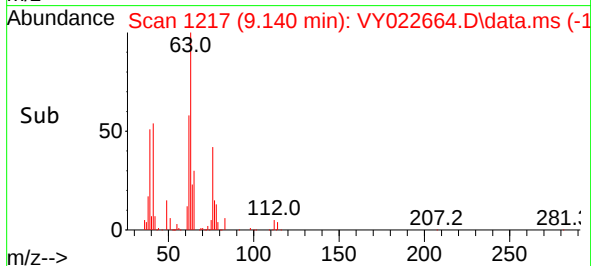
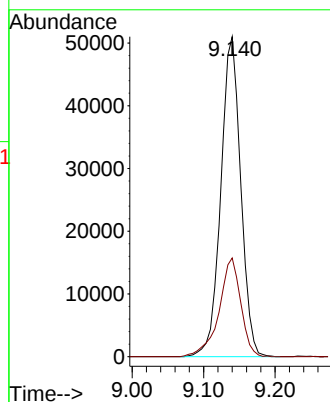
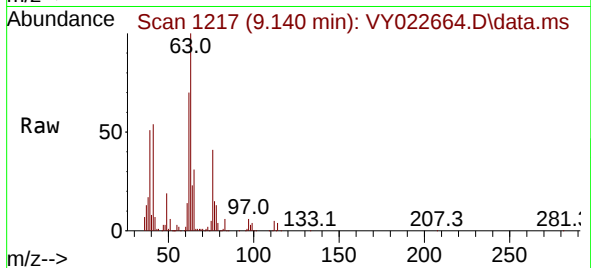
63 100

65 30.8 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#46

Dibromomethane

Concen: 48.978 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. -0.006 min

Lab File: VY022664.D

Acq: 11 Jun 2025 15:07

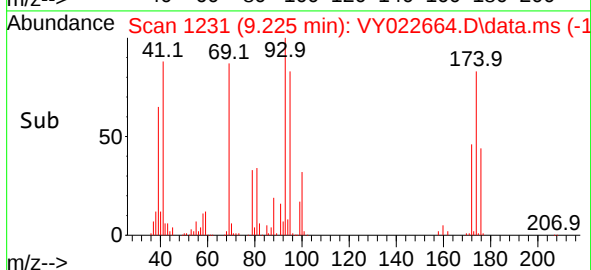
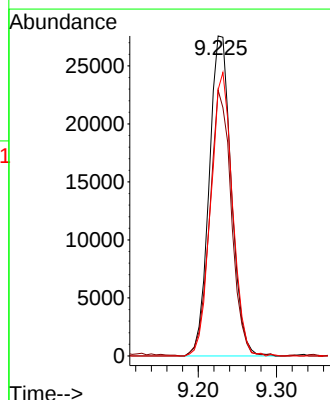
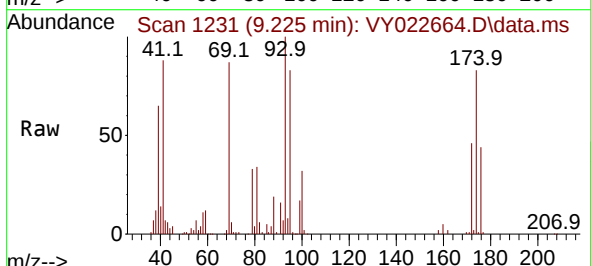
Tgt Ion: 93 Resp: 54106

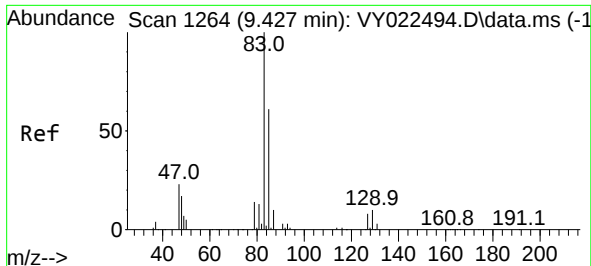
Ion Ratio Lower Upper

93 100

95 81.3 65.6 98.4

174 86.6 70.4 105.6





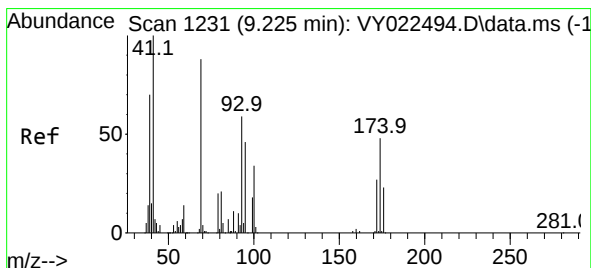
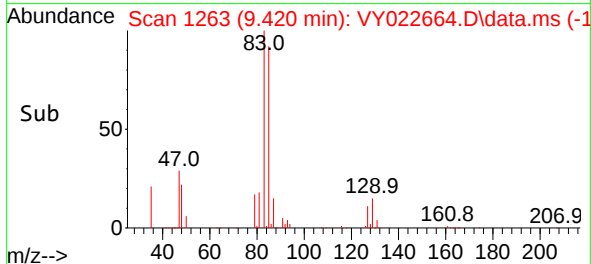
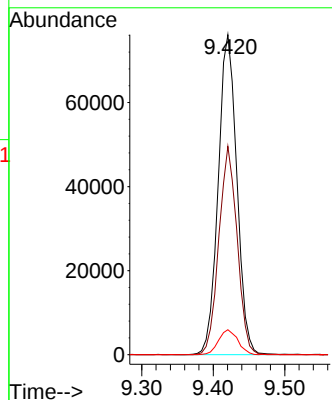
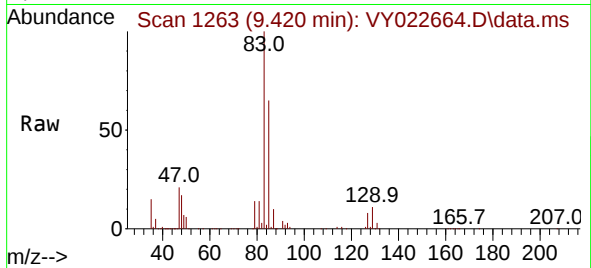
#47
Bromodichloromethane
Concen: 49.246 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 137944
Ion Ratio Lower Upper
83 100
85 65.1 49.1 73.7
127 7.8 6.2 9.4

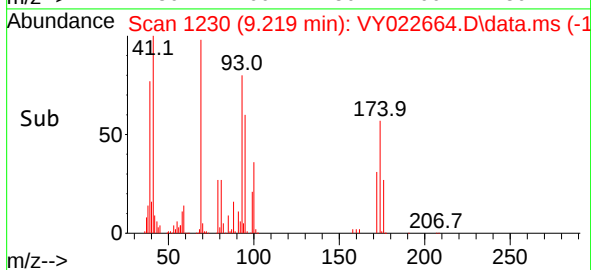
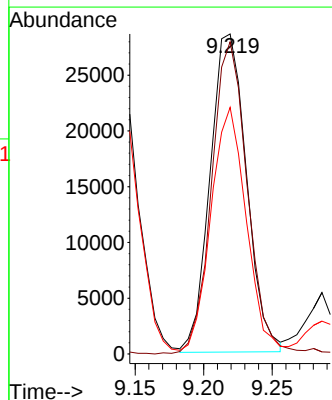
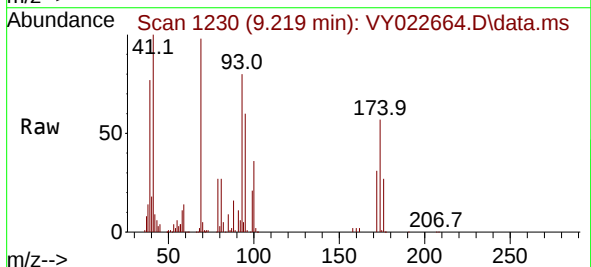
Manual Integrations
APPROVED

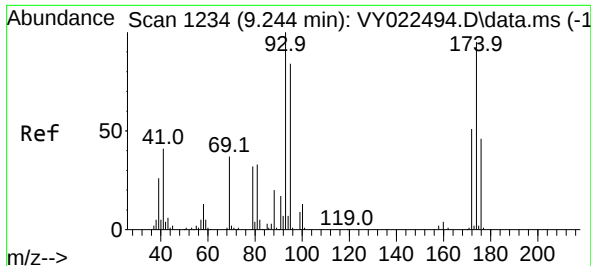
Reviewed By :Mahesh Dadoda 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#48
Methyl methacrylate
Concen: 41.507 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion: 41 Resp: 52779
Ion Ratio Lower Upper
41 100
69 96.7 67.8 101.8
39 73.4 55.0 82.4





#49

1,4-Dioxane

Concen: 930.584 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. -0.018 min

Lab File: VY022664.D

Acq: 11 Jun 2025 15:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

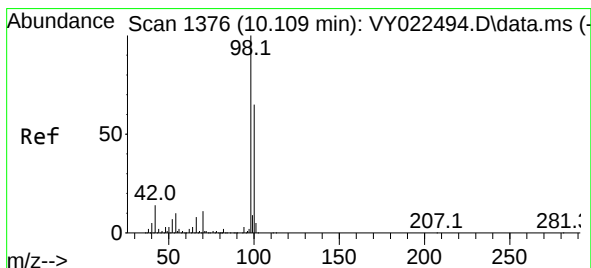
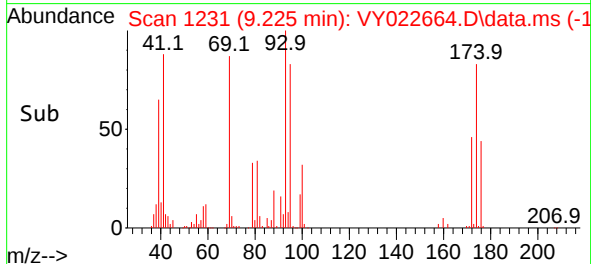
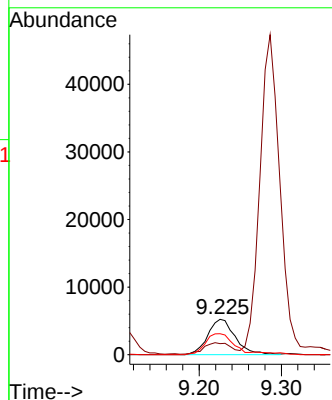
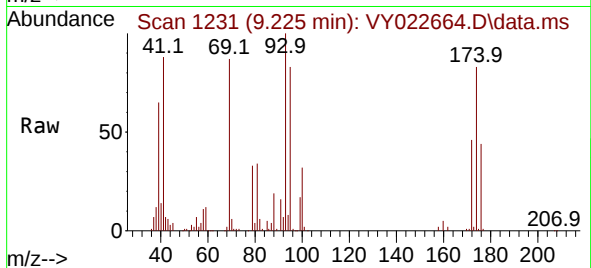
Tgt Ion: 88 Resp: 12179

Ion	Ratio	Lower	Upper
88	100		
43	32.1	25.4	38.2
58	59.2	54.9	82.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#50

Toluene-d8

Concen: 50.745 ug/l

RT: 10.103 min Scan# 1375

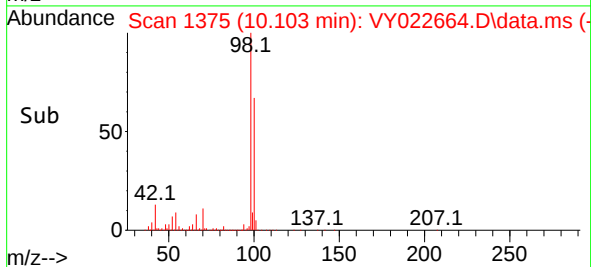
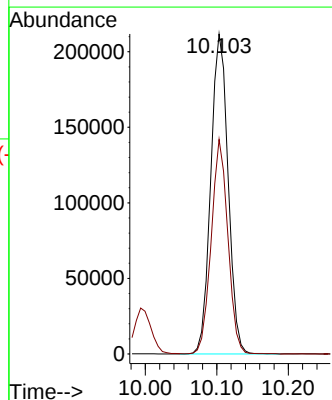
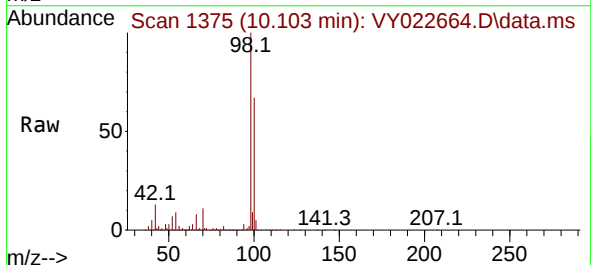
Delta R.T. -0.006 min

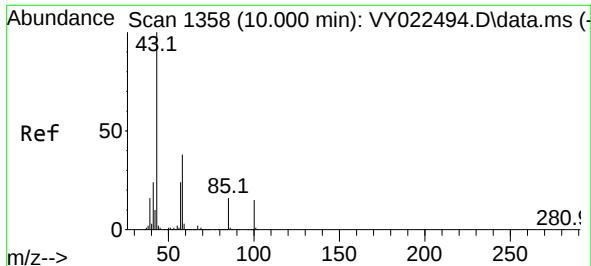
Lab File: VY022664.D

Acq: 11 Jun 2025 15:07

Tgt Ion: 98 Resp: 355393

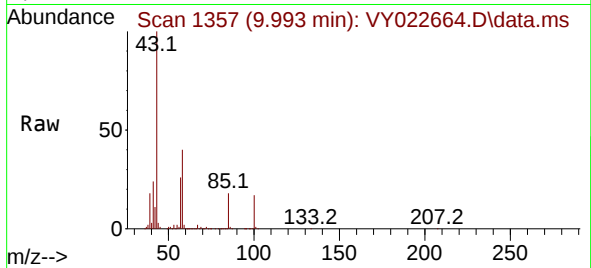
Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.4	77.0





#51
4-Methyl-2-Pentanone
Concen: 223.486 ug/l
RT: 9.993 min Scan# 1357
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

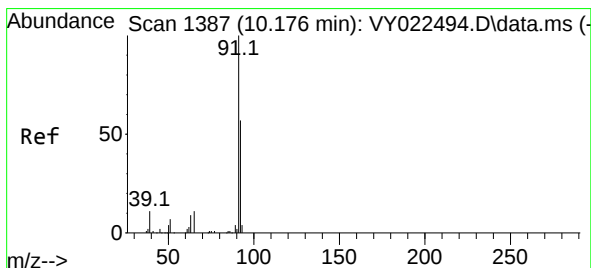
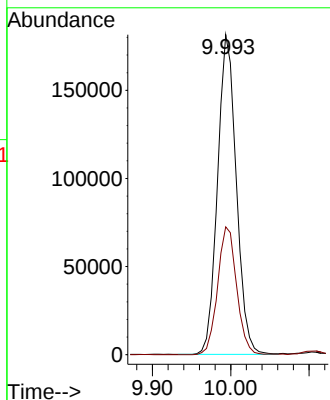
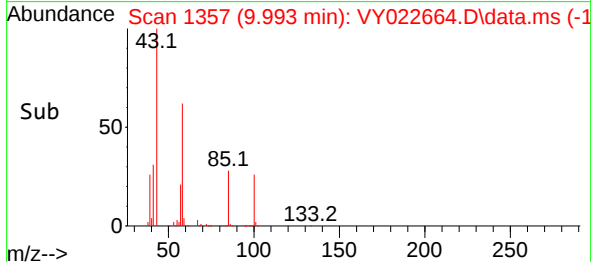
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 301880
Ion Ratio Lower Upper
43 100
58 40.7 30.4 45.6

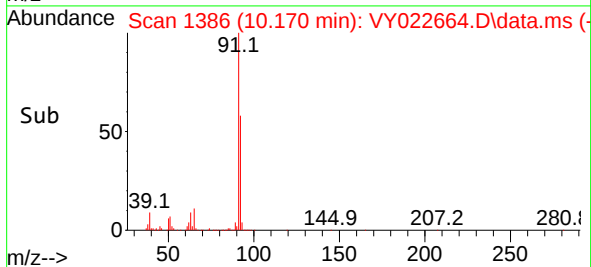
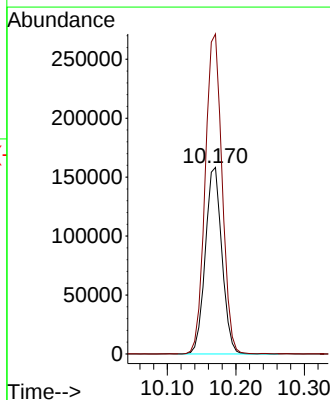
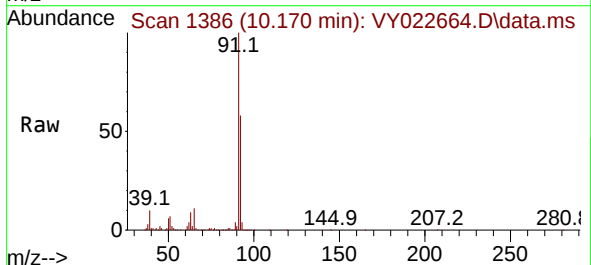
Manual Integrations
APPROVED

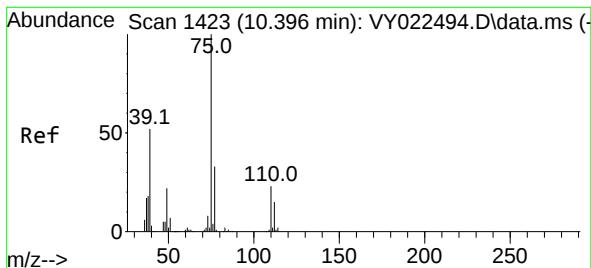
Reviewed By :Mahesh Dadoda 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#52
Toluene
Concen: 51.024 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

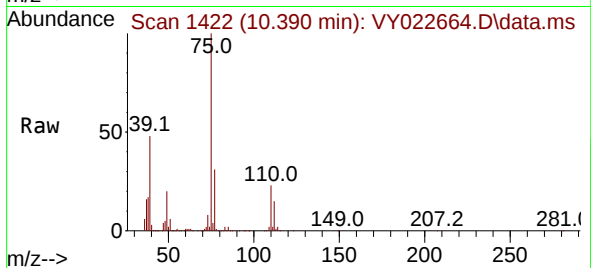
Tgt Ion: 92 Resp: 266417
Ion Ratio Lower Upper
92 100
91 174.6 139.0 208.4





#53
t-1,3-Dichloropropene
Concen: 47.738 ug/l
RT: 10.390 min Scan# 1423
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

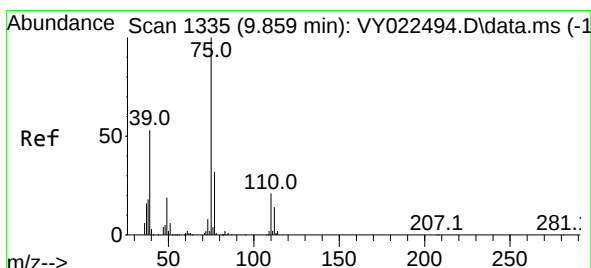
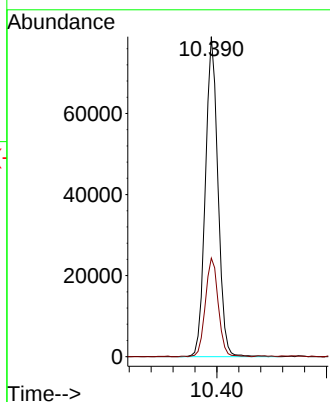
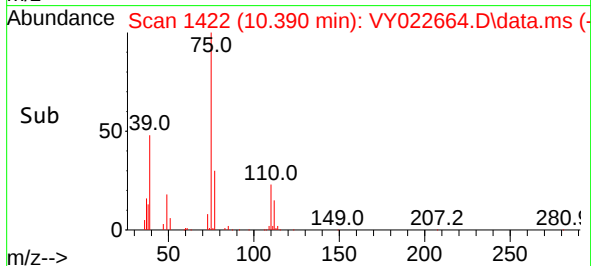
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



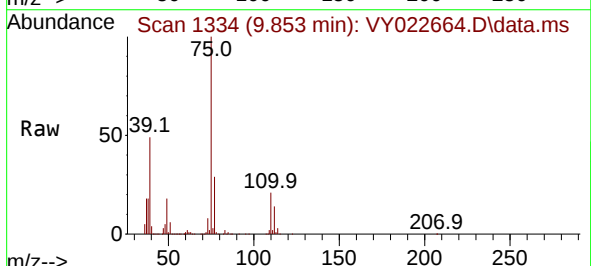
Tgt Ion: 75 Resp: 12529
Ion Ratio Lower Upper
75 100
77 30.8 26.5 39.7

Manual Integrations
APPROVED

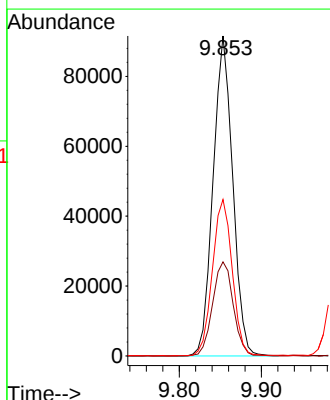
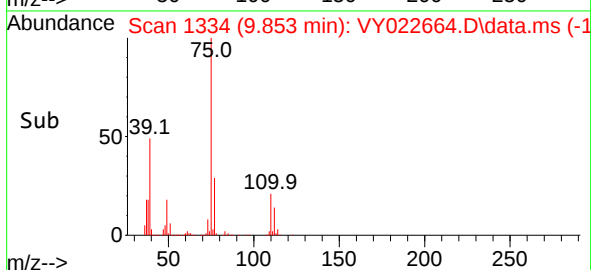
Reviewed By :Mahesh Dadoda 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025

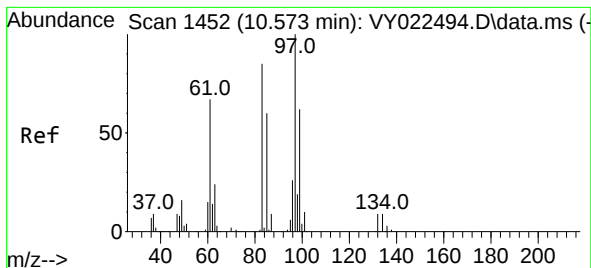


#54
cis-1,3-Dichloropropene
Concen: 49.616 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07



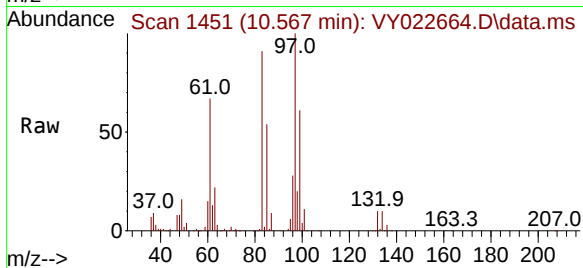
Tgt Ion: 75 Resp: 151585
Ion Ratio Lower Upper
75 100
77 29.4 25.3 37.9
39 48.8 42.7 64.1





#55
1,1,2-Trichloroethane
Concen: 47.632 ug/l
RT: 10.567 min Scan# 1451
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

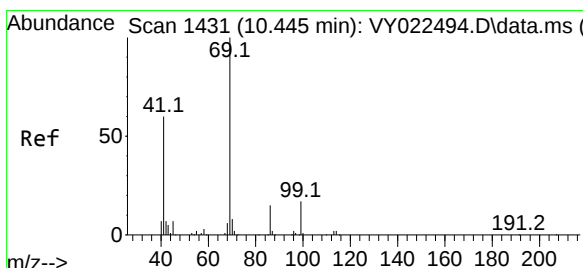
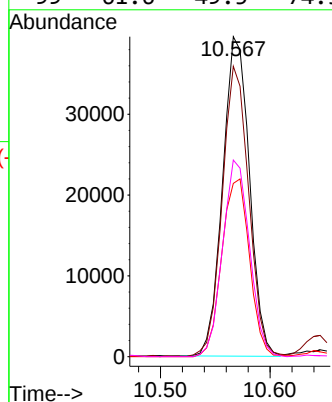
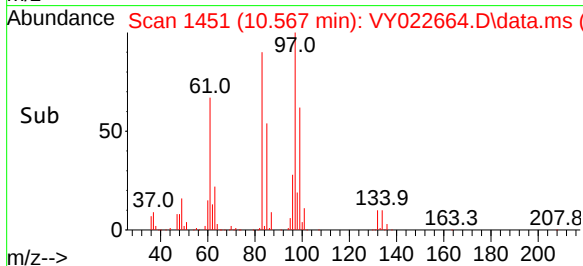
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



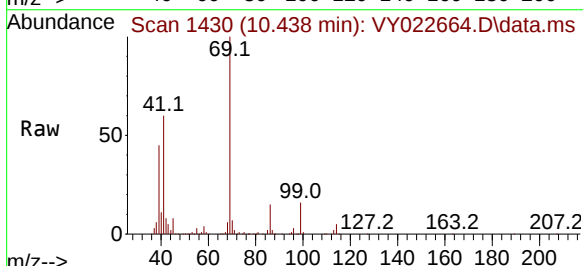
Tgt Ion	Ratio	Lower	Upper
97	100		
83	90.8	68.1	102.1
85	54.3	48.2	72.2
99	61.6	49.5	74.3

Manual Integrations
APPROVED

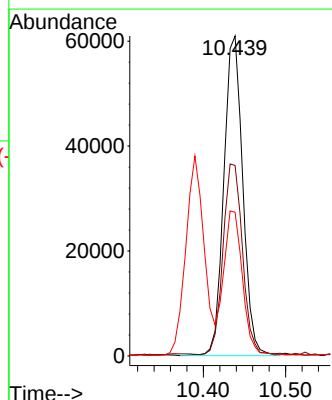
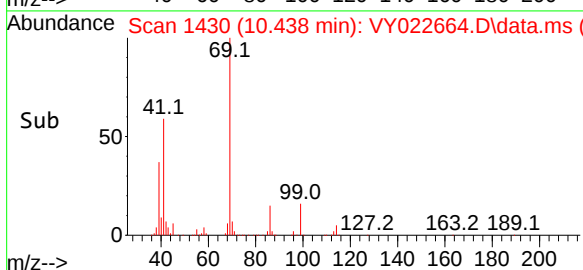
Reviewed By :Mahesh Dadoda 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#56
Ethyl methacrylate
Concen: 47.764 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07



Tgt Ion	Ratio	Lower	Upper
69	100		
41	61.5	52.2	78.2
39	44.8	36.7	55.1





#57

1,3-Dichloropropane

Concen: 48.090 ug/l

RT: 10.713 min Scan# 1476

Delta R.T. -0.006 min

Lab File: VY022664.D

Acq: 11 Jun 2025 15:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 12006

Ion Ratio Lower Upper

76 100

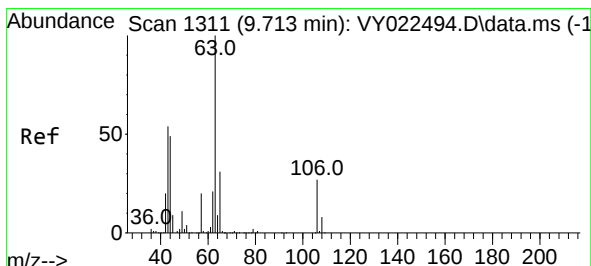
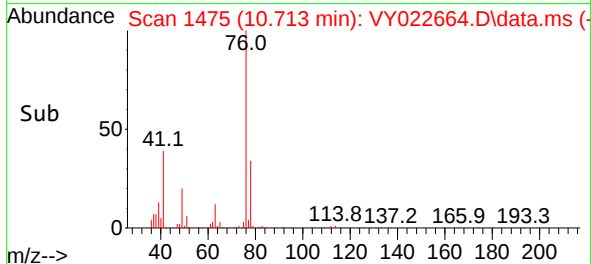
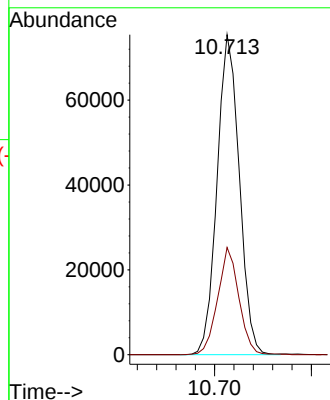
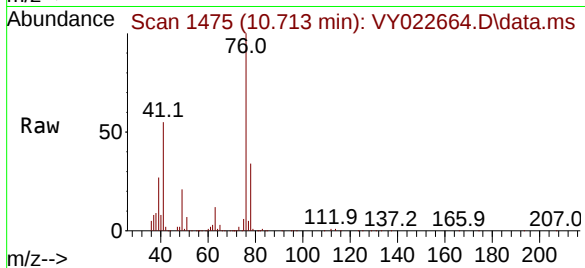
78 32.0 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/12/2025

Supervised By :Semsettin Yesilyurt 06/12/2025



#58

2-Chloroethyl Vinyl ether

Concen: 248.382 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.006 min

Lab File: VY022664.D

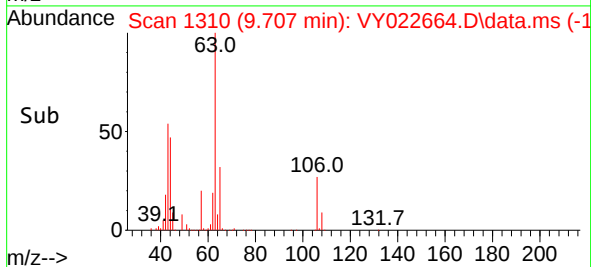
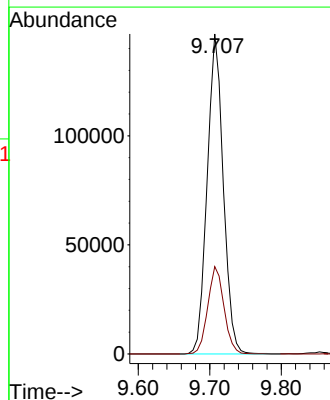
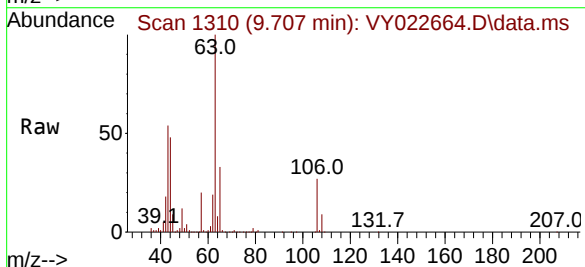
Acq: 11 Jun 2025 15:07

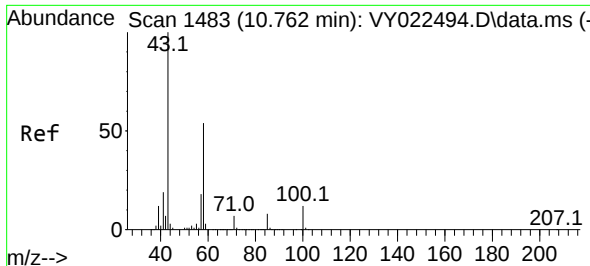
Tgt Ion: 63 Resp: 229595

Ion Ratio Lower Upper

63 100

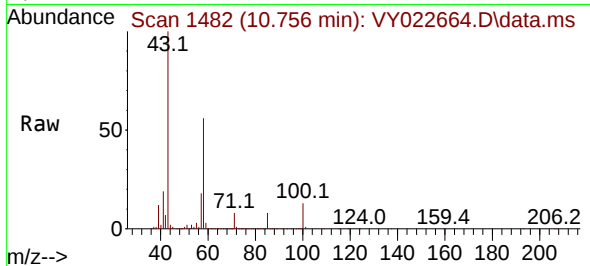
106 27.5 21.6 32.4





#59
2-Hexanone
Concen: 224.569 ug/l
RT: 10.756 min Scan# 1482
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

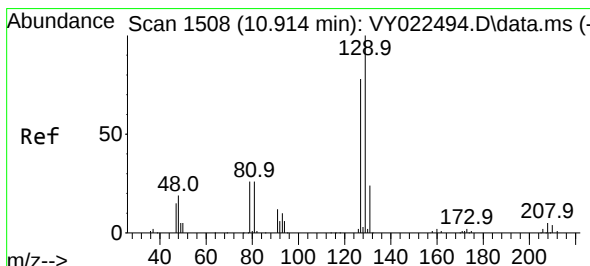
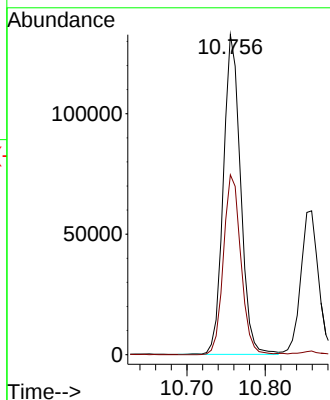
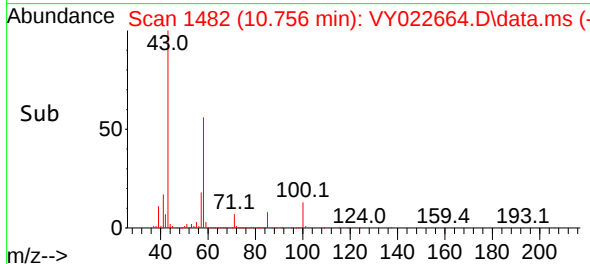
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 20287
Ion Ratio Lower Upper
43 100
58 57.3 27.3 81.8

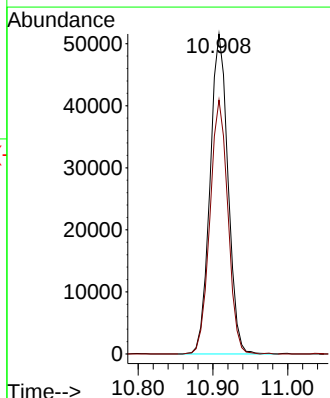
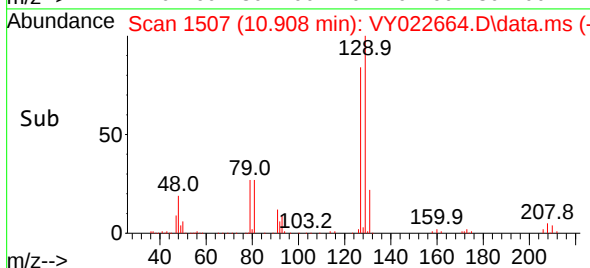
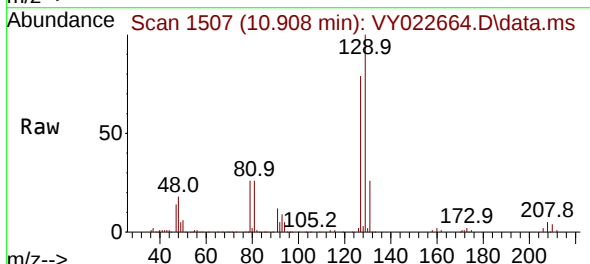
Manual Integrations
APPROVED

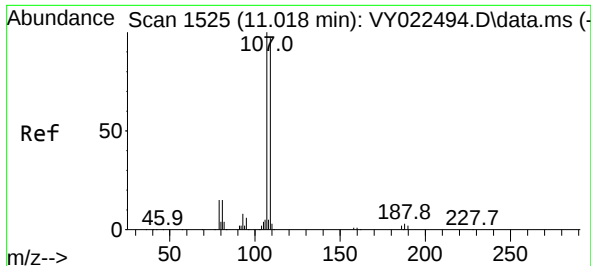
Reviewed By :Mahesh Dadoda 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#60
Dibromochloromethane
Concen: 48.149 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

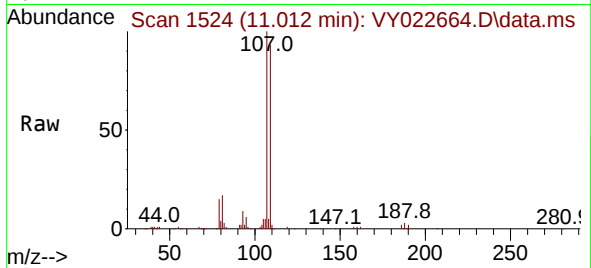
Tgt Ion:129 Resp: 86194
Ion Ratio Lower Upper
129 100
127 79.0 39.1 117.2





#61
1,2-Dibromoethane
Concen: 48.421 ug/l
RT: 11.012 min Scan# 1525
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

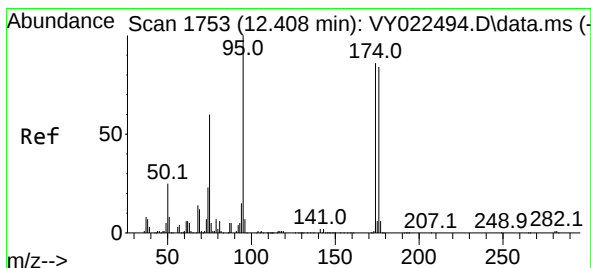
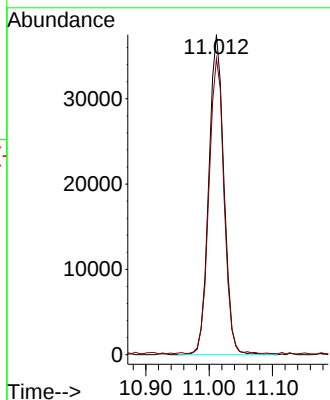
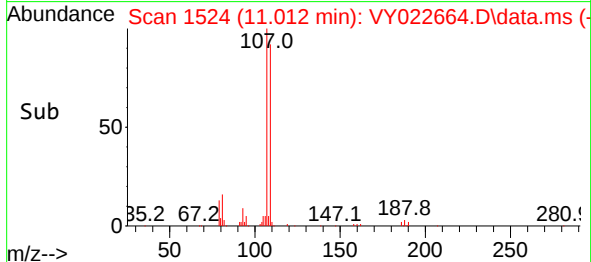
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



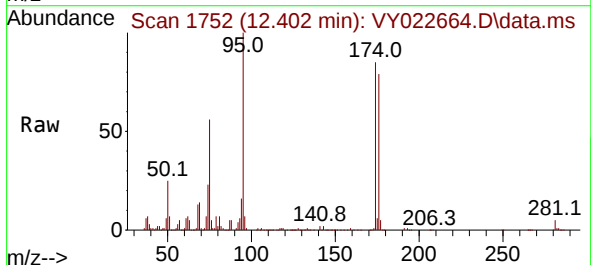
Tgt Ion:107 Resp: 62168
Ion Ratio Lower Upper
107 100
109 92.2 77.7 116.5

Manual Integrations
APPROVED

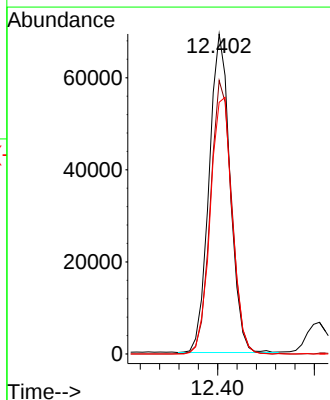
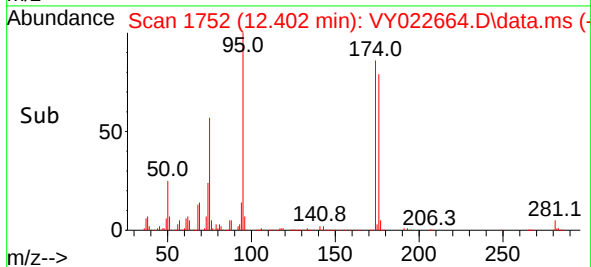
Reviewed By :Mahesh Dadoda 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025

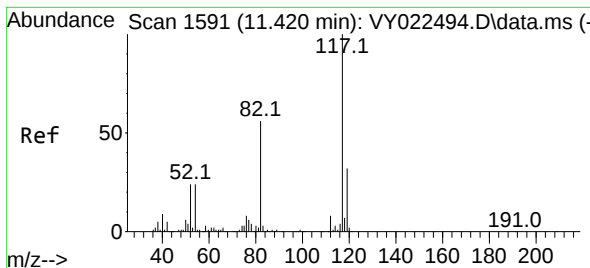


#62
4-Bromofluorobenzene
Concen: 50.044 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07



Tgt Ion: 95 Resp: 104426
Ion Ratio Lower Upper
95 100
174 87.0 0.0 170.0
176 84.4 0.0 166.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022664.D

Acq: 11 Jun 2025 15:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

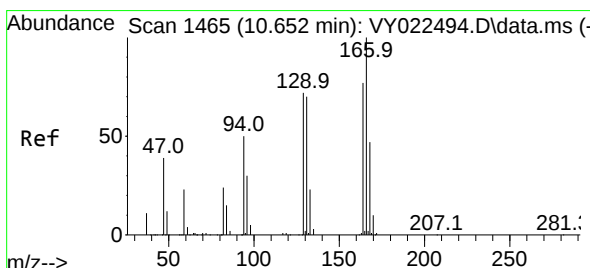
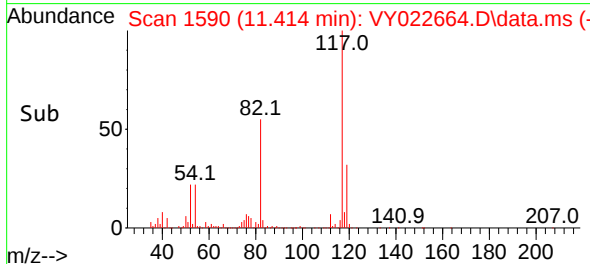
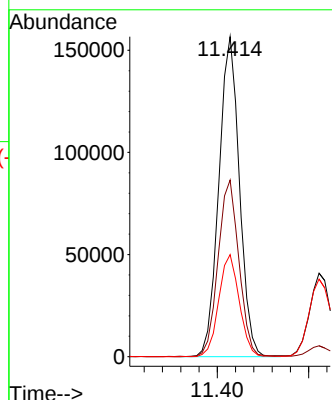
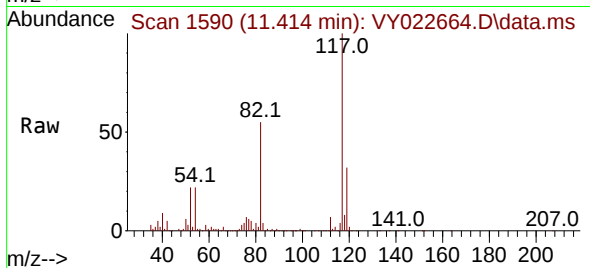
Tgt Ion:117 Resp: 24524

Ion	Ratio	Lower	Upper
117	100		
82	55.0	44.6	66.8
119	31.9	25.4	38.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#64

Tetrachloroethene

Concen: 63.928 ug/l

RT: 10.646 min Scan# 1464

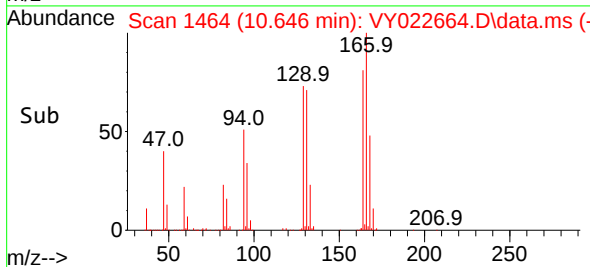
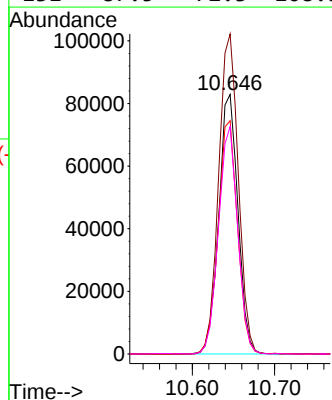
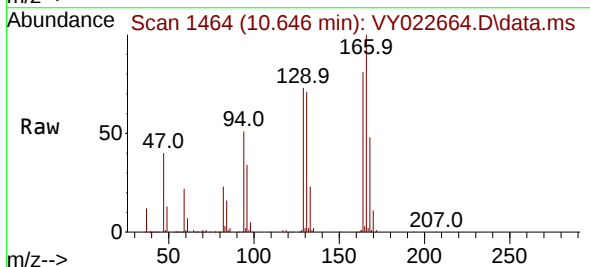
Delta R.T. -0.006 min

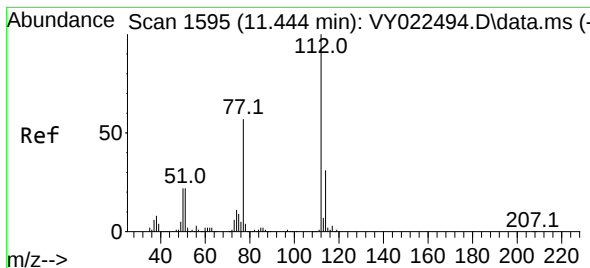
Lab File: VY022664.D

Acq: 11 Jun 2025 15:07

Tgt Ion:164 Resp: 134865

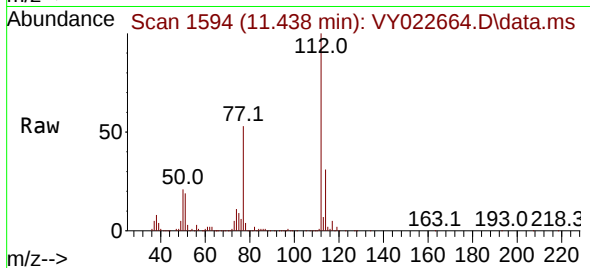
Ion	Ratio	Lower	Upper
164	100		
166	123.3	104.0	156.0
129	89.9	74.5	111.7
131	87.5	72.3	108.5





#65
Chlorobenzene
Concen: 51.989 ug/l
RT: 11.438 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

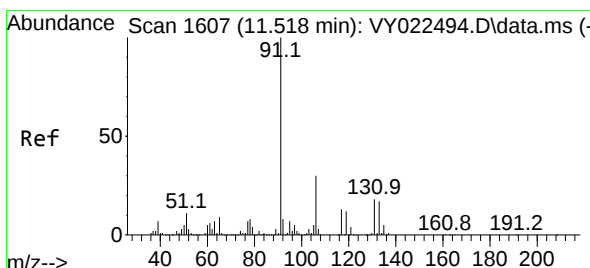
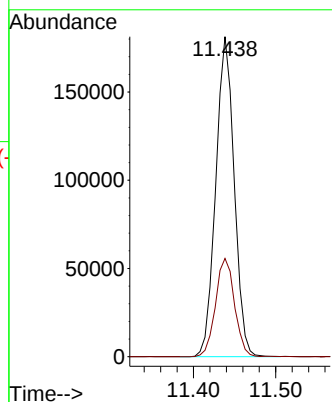
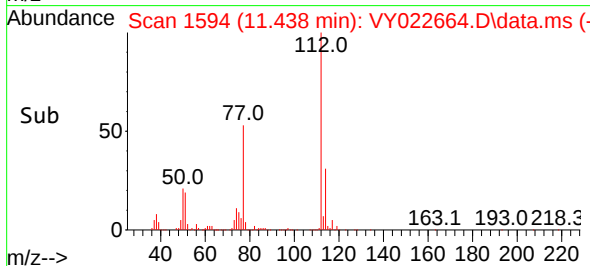
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



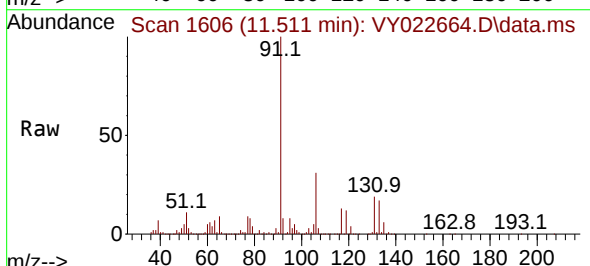
Tgt Ion:112 Resp: 282144
Ion Ratio Lower Upper
112 100
114 30.7 25.0 37.6

Manual Integrations
APPROVED

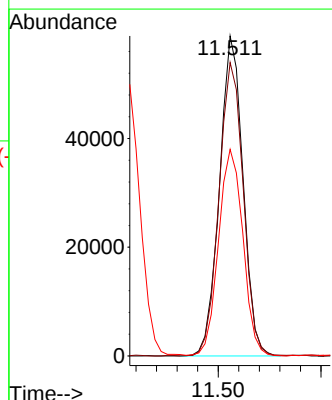
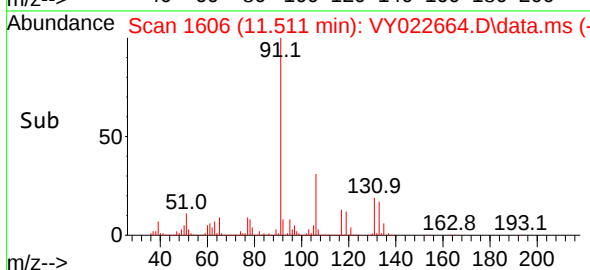
Reviewed By :Mahesh Dadoda 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025

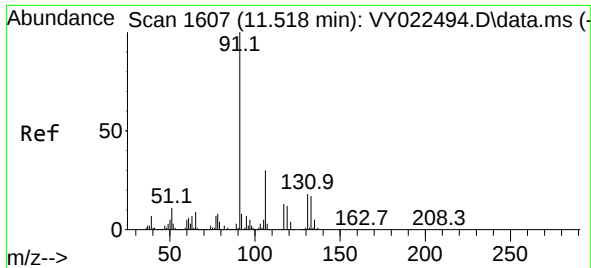


#66
1,1,1,2-Tetrachloroethane
Concen: 51.056 ug/l
RT: 11.511 min Scan# 1606
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07



Tgt Ion:131 Resp: 93342
Ion Ratio Lower Upper
131 100
133 94.7 47.3 141.8
119 67.1 33.1 99.3





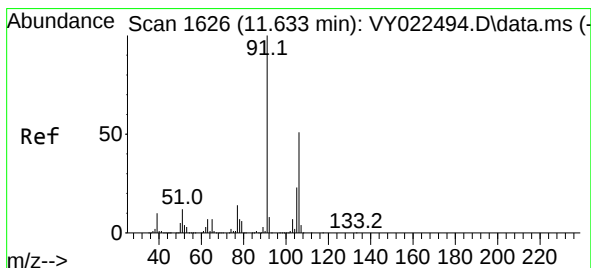
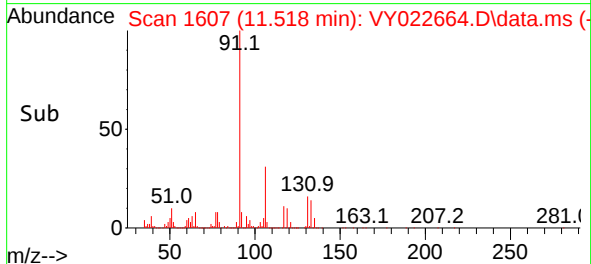
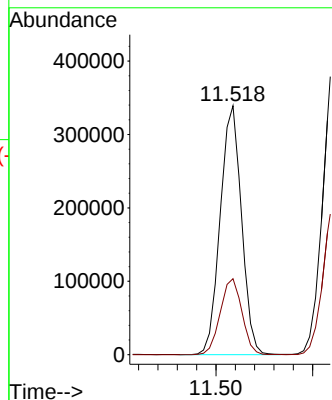
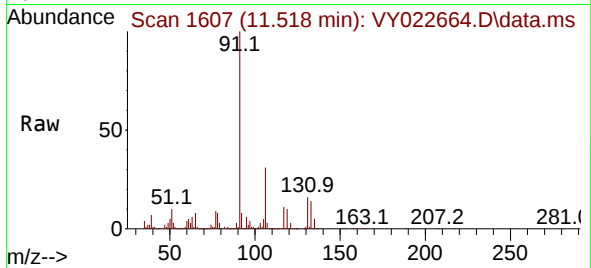
#67
Ethyl Benzene
Concen: 51.398 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 517369
Ion Ratio Lower Upper
91 100
106 30.6 24.2 36.4

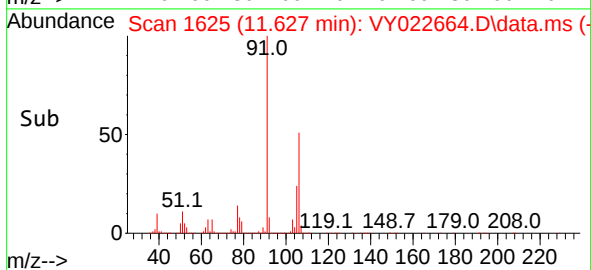
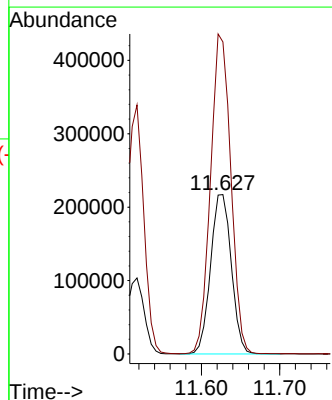
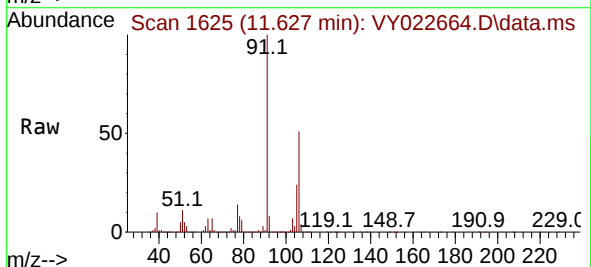
Manual Integrations
APPROVED

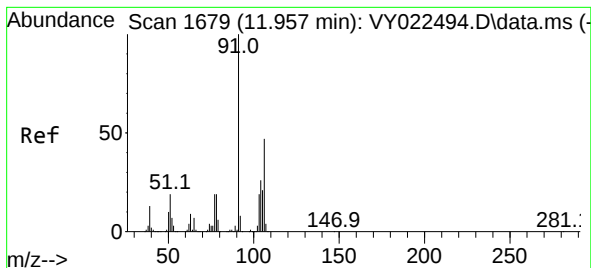
Reviewed By :Mahesh Dadoda 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#68
m/p-Xylenes
Concen: 104.498 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

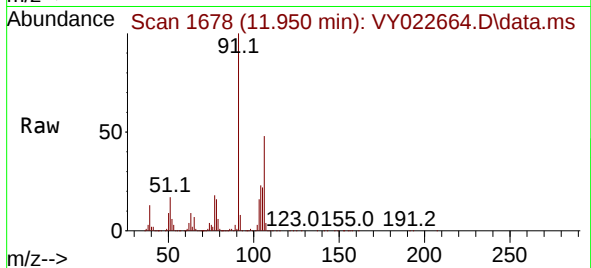
Tgt Ion:106 Resp: 398753
Ion Ratio Lower Upper
106 100
91 196.9 159.4 239.0





#69
o-Xylene
Concen: 52.894 ug/l
RT: 11.950 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

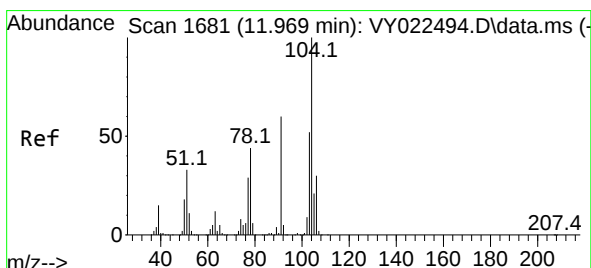
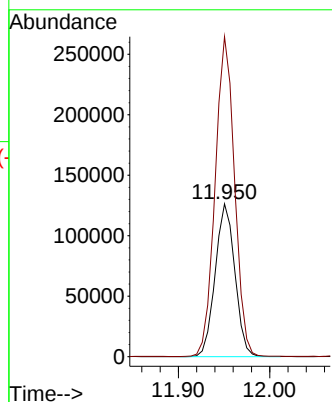
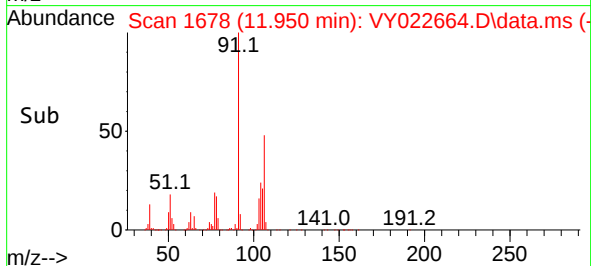
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 189238
Ion Ratio Lower Upper
106 100
91 206.9 105.8 317.3

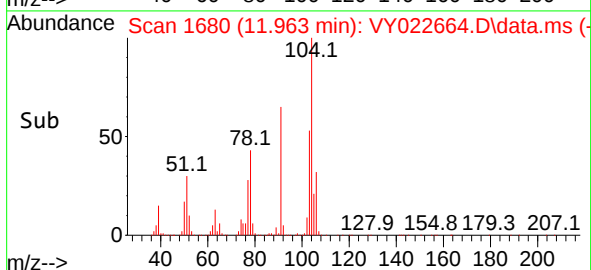
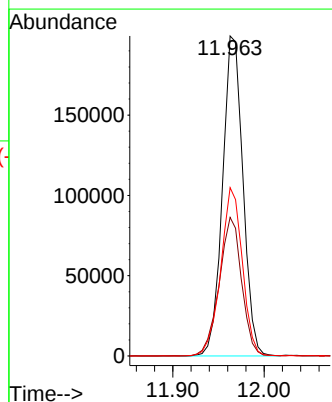
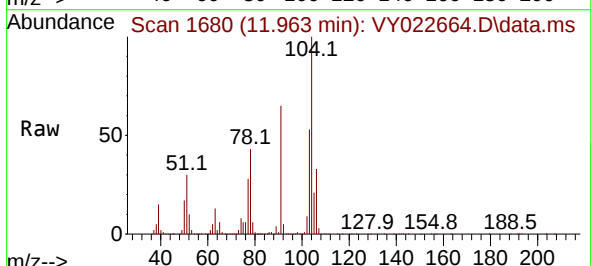
Manual Integrations
APPROVED

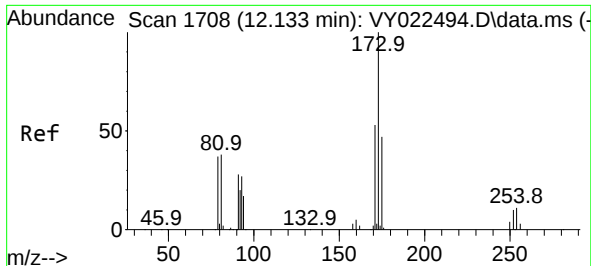
Reviewed By :Mahesh Dadoda 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#70
Styrene
Concen: 52.424 ug/l
RT: 11.963 min Scan# 1680
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

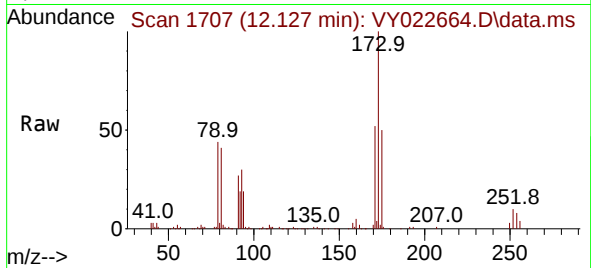
Tgt Ion:104 Resp: 310024
Ion Ratio Lower Upper
104 100
78 47.6 39.5 59.3
103 55.7 44.1 66.1





#71
Bromoform
Concen: 48.333 ug/l
RT: 12.127 min Scan# 1707
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

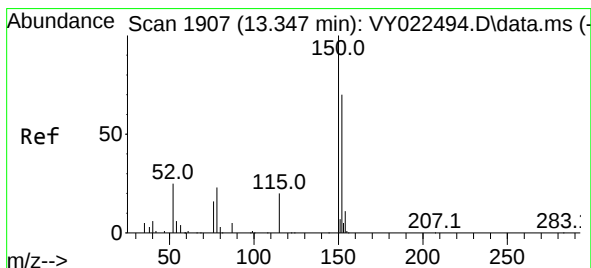
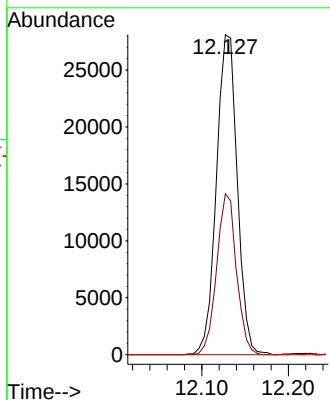
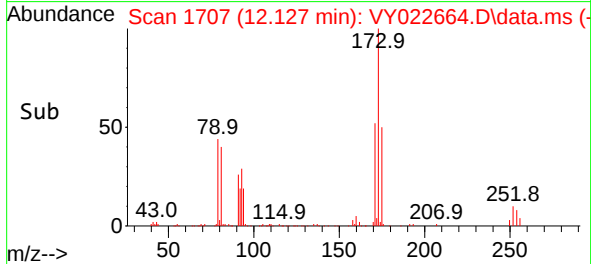
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



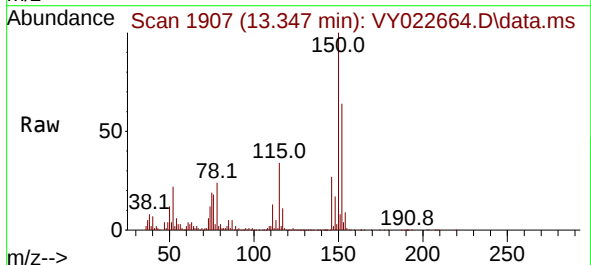
Tgt Ion:173 Resp: 4702
Ion Ratio Lower Upper
173 100
175 47.6 23.8 71.5
254 0.0 0.0 0.0

Manual Integrations
APPROVED

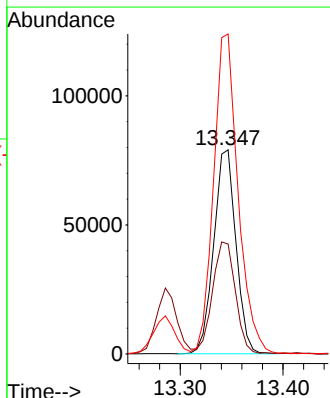
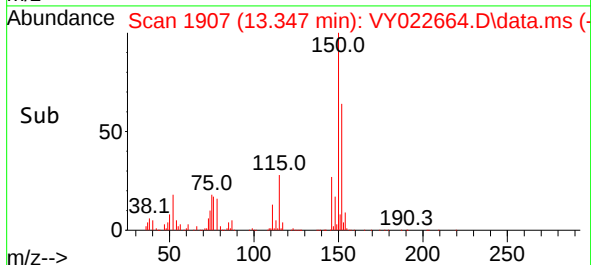
Reviewed By :Mahesh Dadoda 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025

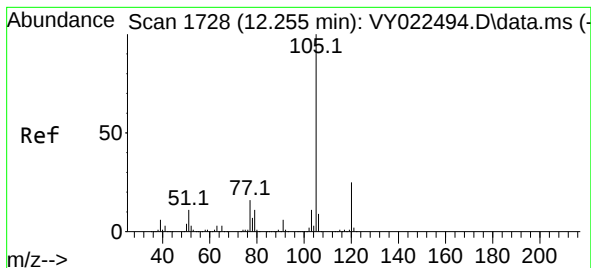


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07



Tgt Ion:152 Resp: 118360
Ion Ratio Lower Upper
152 100
115 56.3 28.9 86.7
150 173.1 0.0 349.6





#73

Isopropylbenzene

Concen: 50.210 ug/l

RT: 12.249 min Scan# 1727

Delta R.T. -0.006 min

Lab File: VY022664.D

Acq: 11 Jun 2025 15:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 48791

Ion Ratio Lower Upper

105 100

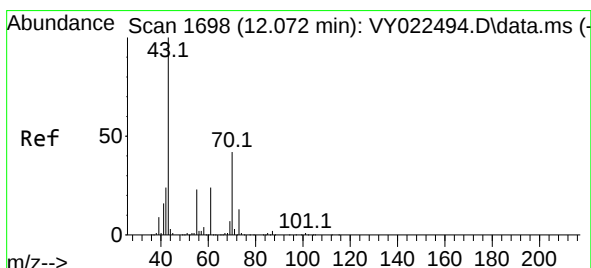
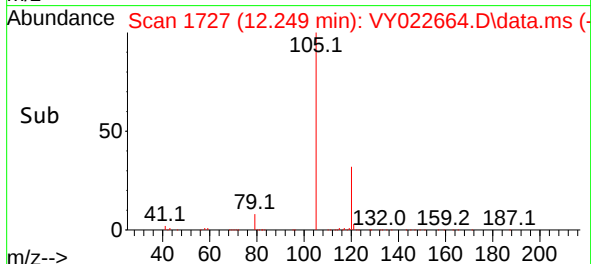
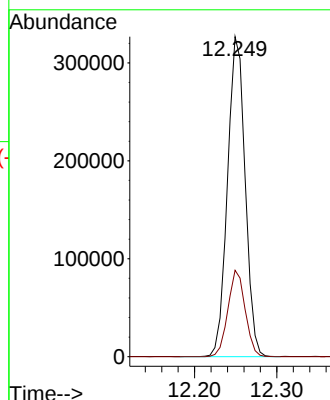
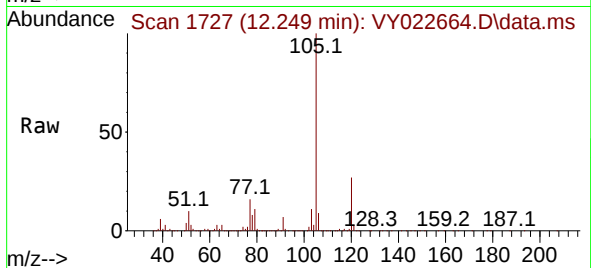
120 26.4 13.0 38.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/12/2025

Supervised By :Semsettin Yesilyurt 06/12/2025



#74

N-ethyl acetate

Concen: 44.340 ug/l

RT: 12.066 min Scan# 1697

Delta R.T. -0.006 min

Lab File: VY022664.D

Acq: 11 Jun 2025 15:07

Tgt Ion: 43 Resp: 108716

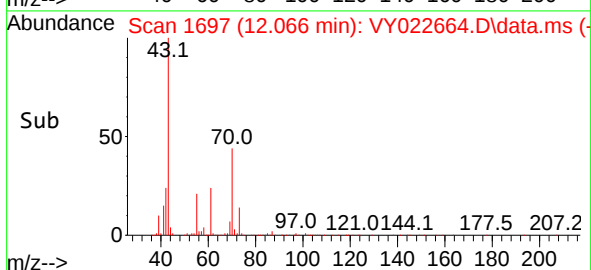
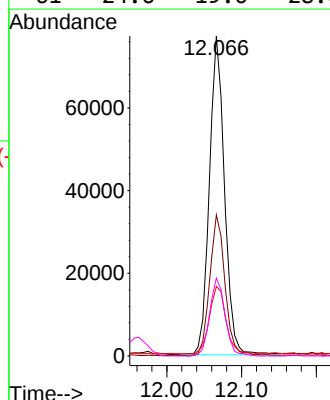
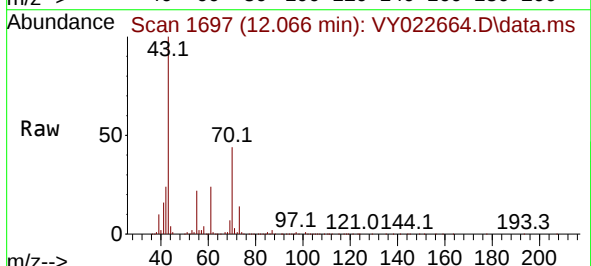
Ion Ratio Lower Upper

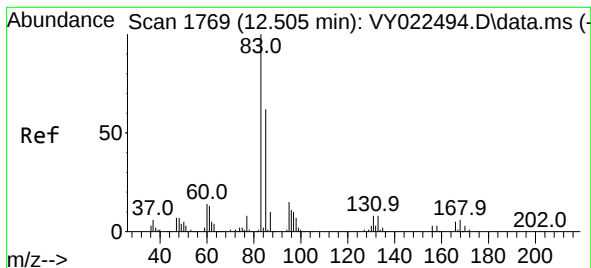
43 100

70 45.0 34.2 51.2

55 23.0 18.2 27.4

61 24.6 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 38.413 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. -0.000 min

Lab File: VY022664.D

Acq: 11 Jun 2025 15:07

Instrument :

MSVOA_Y

ClientSampleId :

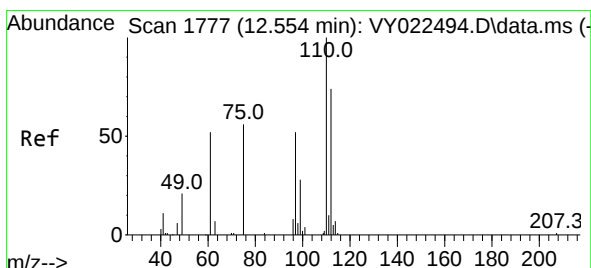
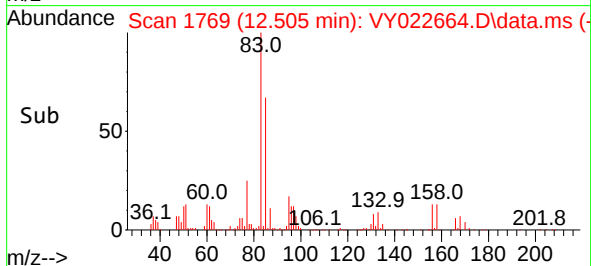
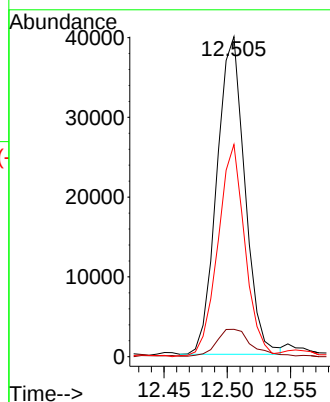
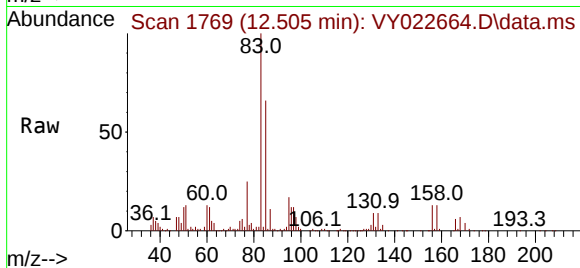
VSTDCCC050EC

Tgt Ion:	83	Resp:	6126
Ion Ratio	Lower	Upper	
83	100		
131	11.0	4.9	14.7
85	64.9	32.6	97.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#76

1,2,3-Trichloropropane

Concen: 44.507 ug/l m

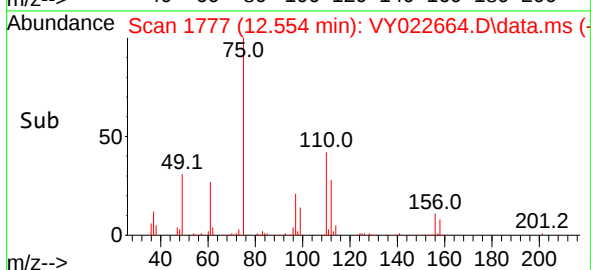
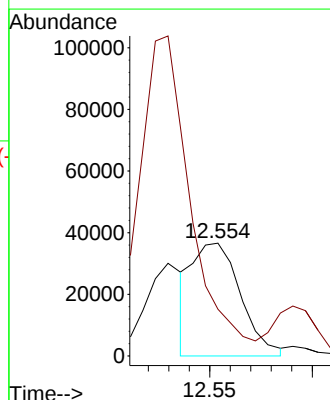
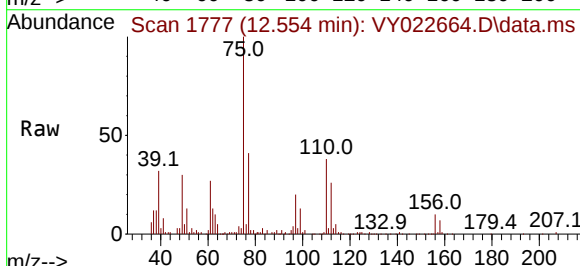
RT: 12.554 min Scan# 1777

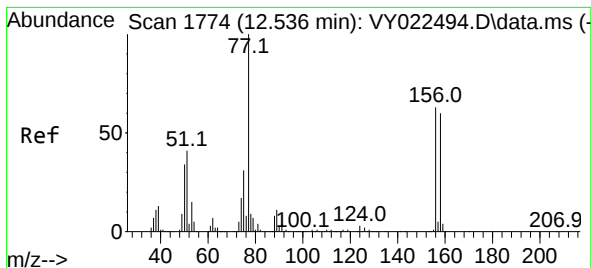
Delta R.T. -0.000 min

Lab File: VY022664.D

Acq: 11 Jun 2025 15:07

Tgt Ion:	75	Resp:	60266
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 50.011 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY022664.D

Acq: 11 Jun 2025 15:07

Instrument :

MSVOA_Y

ClientSampleId :

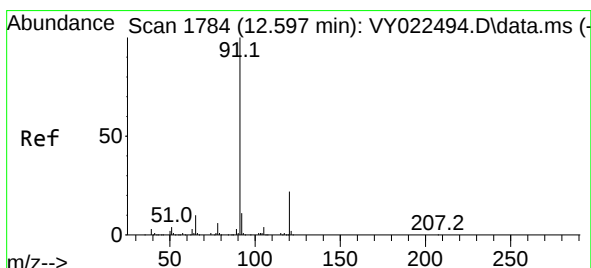
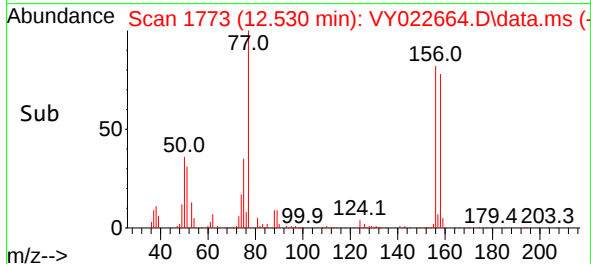
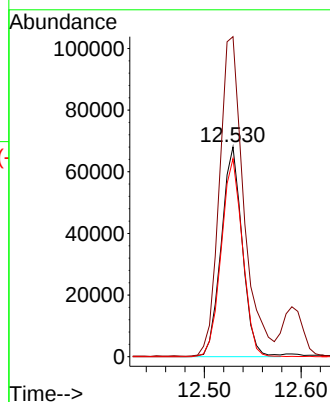
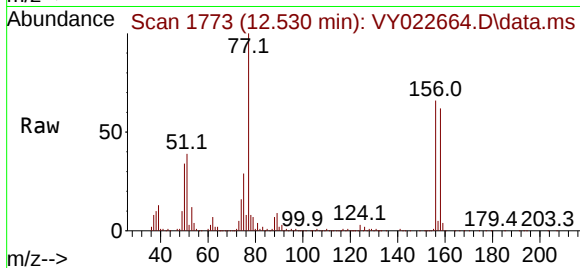
VSTDCCC050EC

Tgt Ion:	156	Resp:	10255
Ion Ratio	Lower	Upper	
156	100		
77	176.5	94.0	282.1
158	95.4	48.2	144.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#78

n-propylbenzene

Concen: 49.873 ug/l

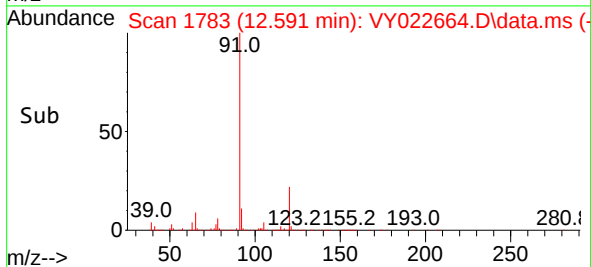
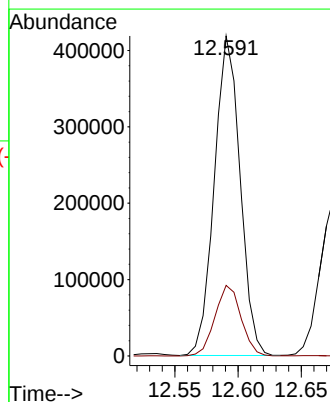
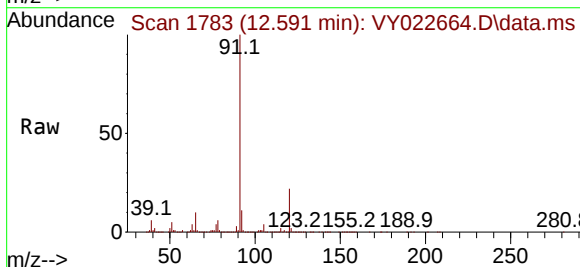
RT: 12.591 min Scan# 1783

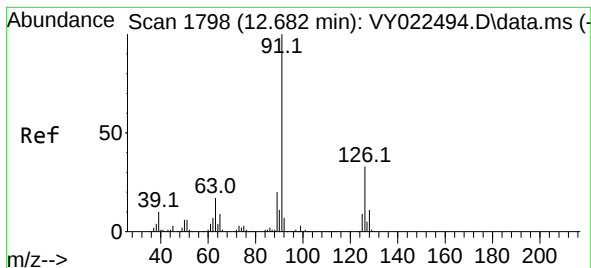
Delta R.T. -0.006 min

Lab File: VY022664.D

Acq: 11 Jun 2025 15:07

Tgt Ion:	91	Resp:	591928
Ion Ratio	Lower	Upper	
91	100		
120	22.4	10.8	32.4





#79

2-Chlorotoluene

Concen: 49.256 ug/l

RT: 12.676 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022664.D

Acq: 11 Jun 2025 15:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 30984

Ion Ratio Lower Upper

91 100

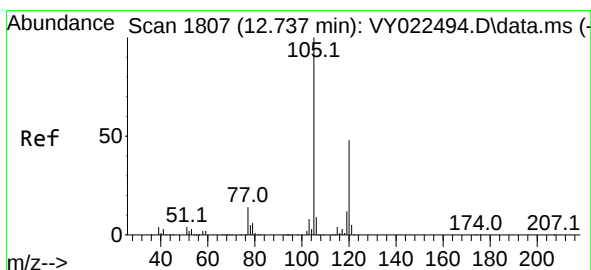
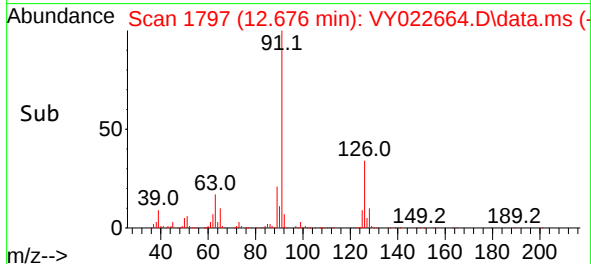
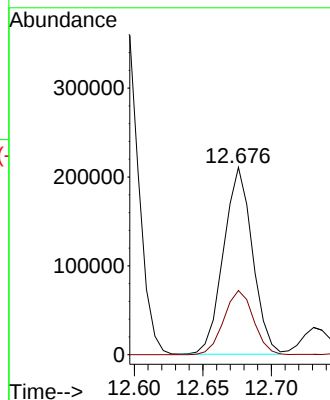
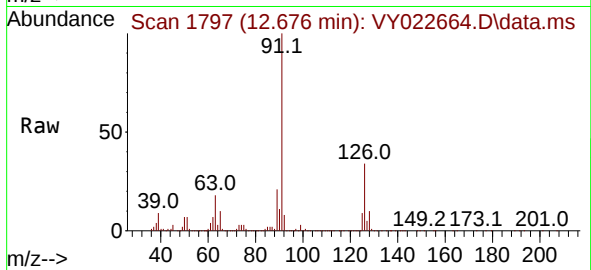
126 35.1 17.0 51.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/12/2025

Supervised By :Semsettin Yesilyurt 06/12/2025



#80

1,3,5-Trimethylbenzene

Concen: 50.055 ug/l

RT: 12.731 min Scan# 1806

Delta R.T. -0.006 min

Lab File: VY022664.D

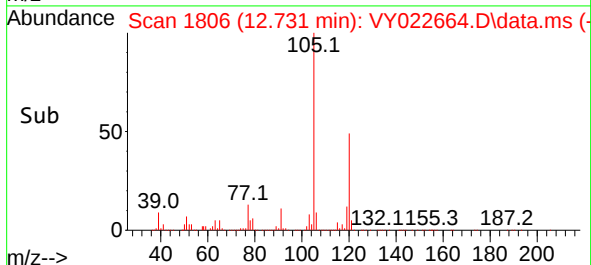
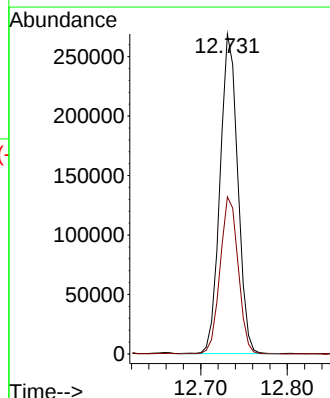
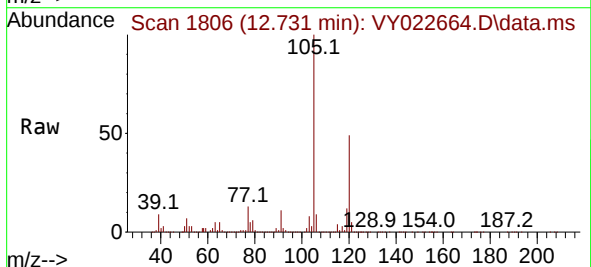
Acq: 11 Jun 2025 15:07

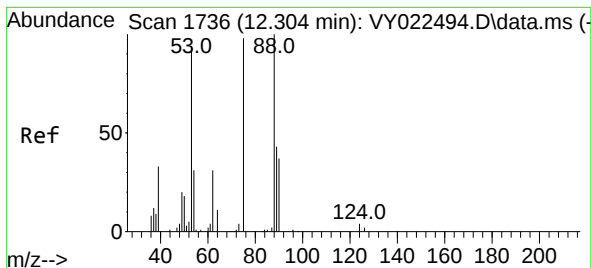
Tgt Ion:105 Resp: 381869

Ion Ratio Lower Upper

105 100

120 50.2 24.1 72.4





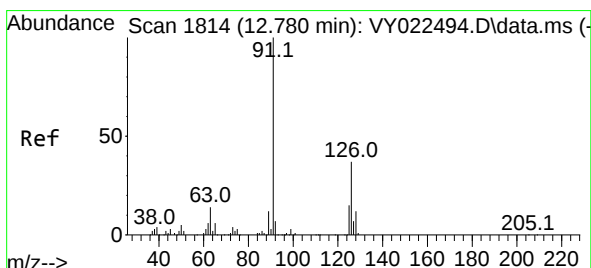
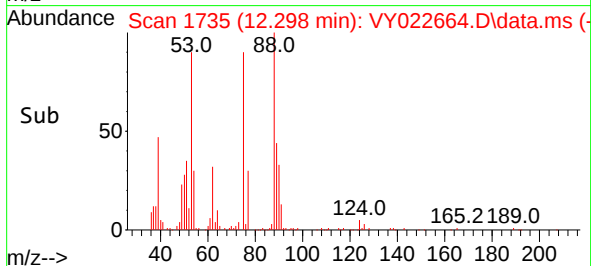
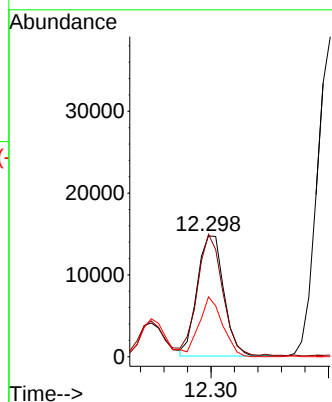
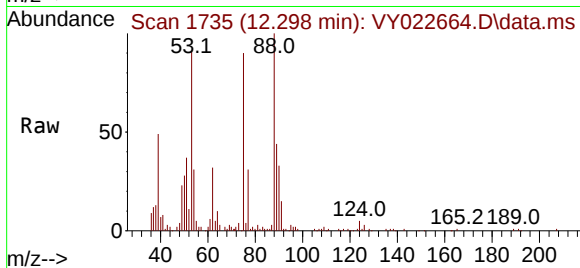
#81
trans-1,4-Dichloro-2-butene
Concen: 41.290 ug/l
RT: 12.298 min Scan# 1735
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 2315
Ion Ratio Lower Upper
75 100
53 96.2 78.5 117.7
89 43.2 35.7 53.5

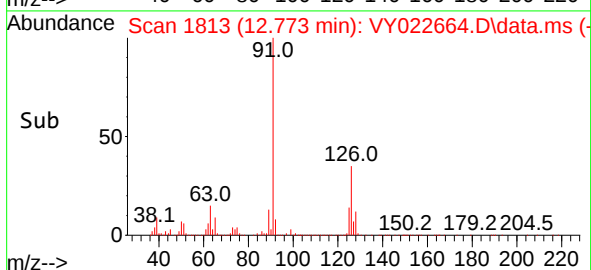
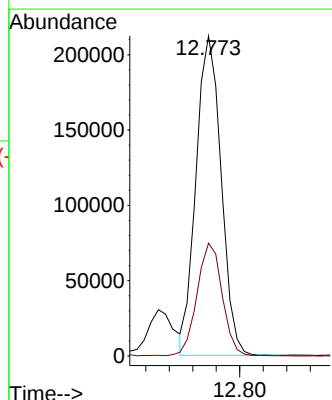
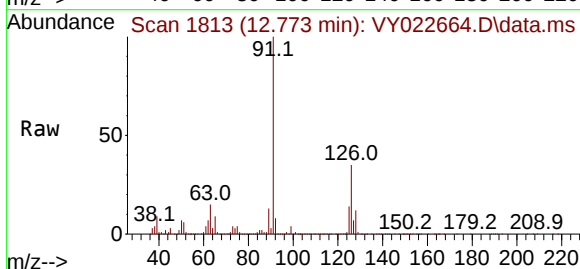
Manual Integrations
APPROVED

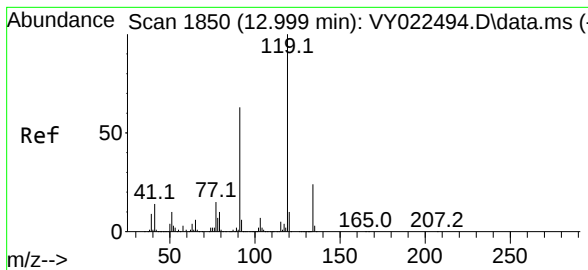
Reviewed By :Mahesh Dadoda 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#82
4-Chlorotoluene
Concen: 48.391 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

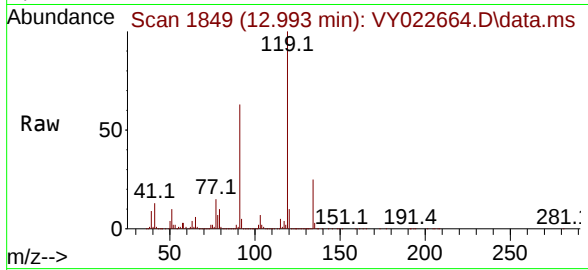
Tgt Ion: 91 Resp: 314019
Ion Ratio Lower Upper
91 100
126 35.6 17.0 50.9





#83
tert-Butylbenzene
Concen: 51.390 ug/l
RT: 12.993 min Scan# 1849
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

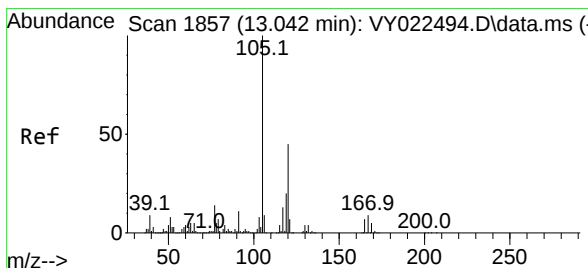
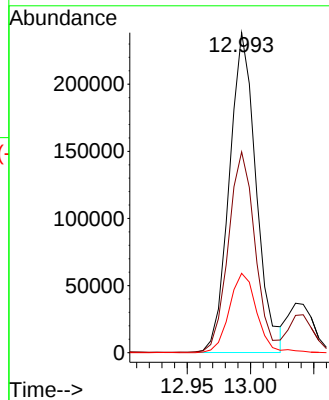
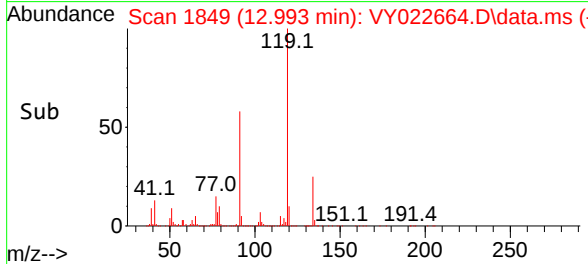
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



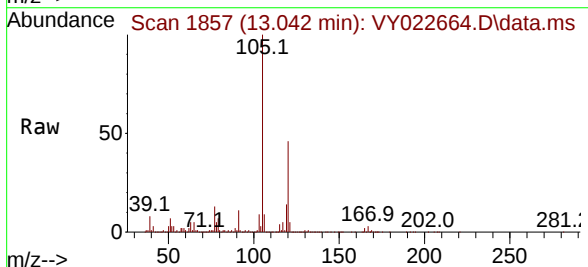
Tgt Ion:119 Resp: 351878
Ion Ratio Lower Upper
119 100
91 62.7 32.1 96.3
134 25.5 13.0 38.9

Manual Integrations
APPROVED

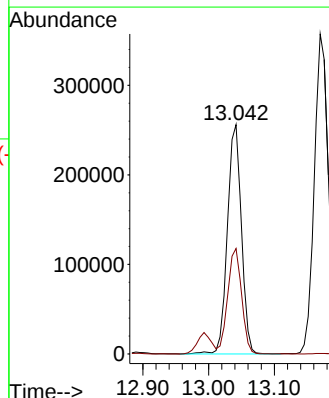
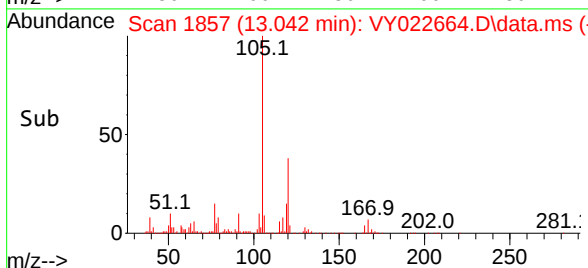
Reviewed By :Mahesh Dadoda 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025

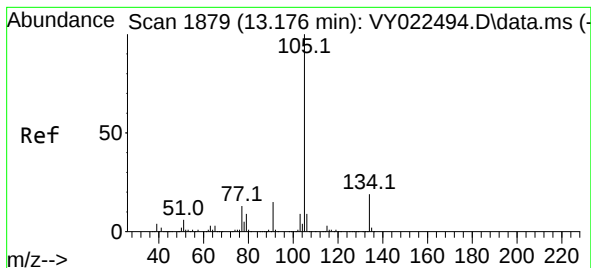


#84
1,2,4-Trimethylbenzene
Concen: 49.775 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. -0.000 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07



Tgt Ion:105 Resp: 379800
Ion Ratio Lower Upper
105 100
120 45.8 22.7 68.1





#85

sec-Butylbenzene

Concen: 50.277 ug/l

RT: 13.170 min Scan# 1878

Delta R.T. -0.006 min

Lab File: VY022664.D

Acq: 11 Jun 2025 15:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 52723

Ion Ratio Lower Upper

105 100

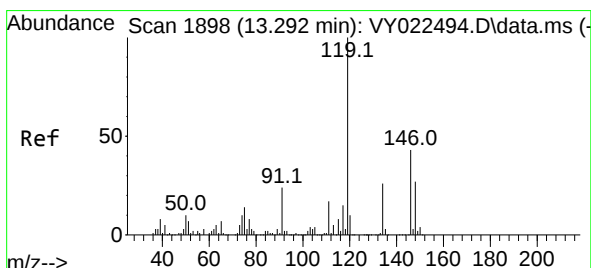
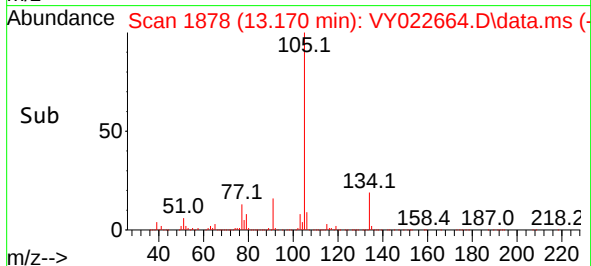
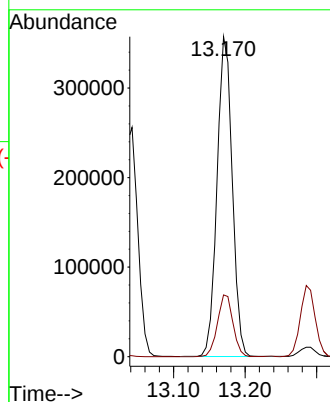
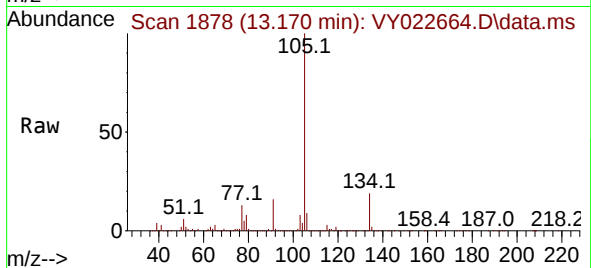
134 19.7 9.7 28.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/12/2025

Supervised By :Semsettin Yesilyurt 06/12/2025



#86

p-Isopropyltoluene

Concen: 51.086 ug/l

RT: 13.286 min Scan# 1897

Delta R.T. -0.006 min

Lab File: VY022664.D

Acq: 11 Jun 2025 15:07

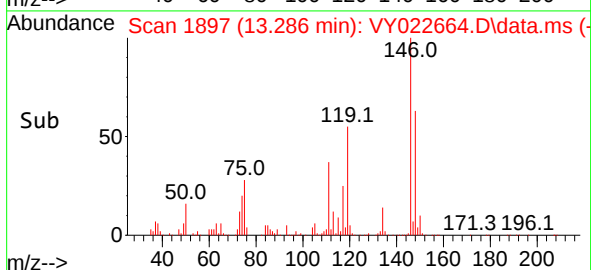
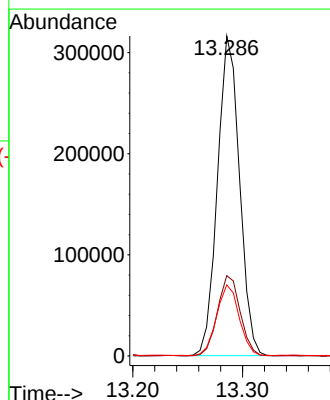
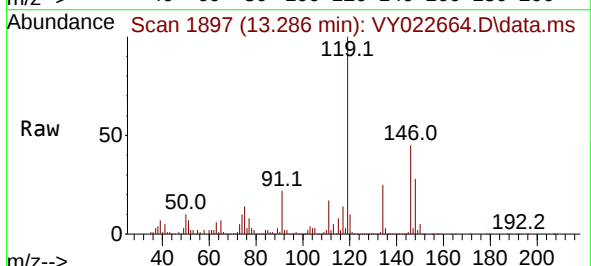
Tgt Ion:119 Resp: 441582

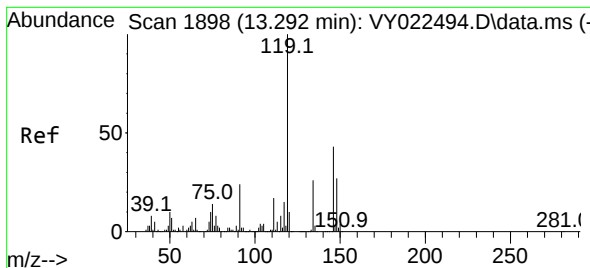
Ion Ratio Lower Upper

119 100

134 26.0 13.1 39.1

91 22.6 11.6 34.8





#87

1,3-Dichlorobenzene

Concen: 50.570 ug/l

RT: 13.286 min Scan# 1897

Delta R.T. -0.006 min

Lab File: VY022664.D

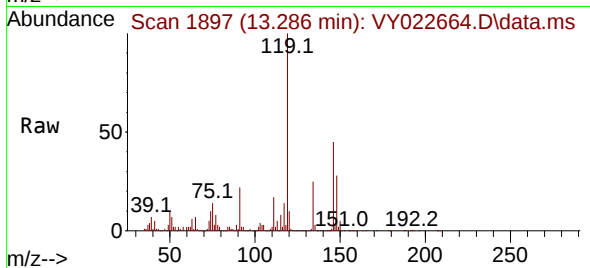
Acq: 11 Jun 2025 15:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

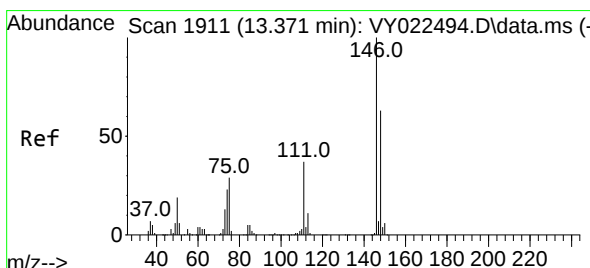
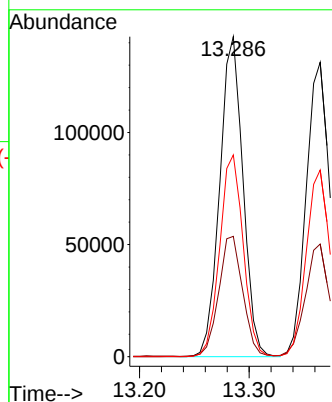
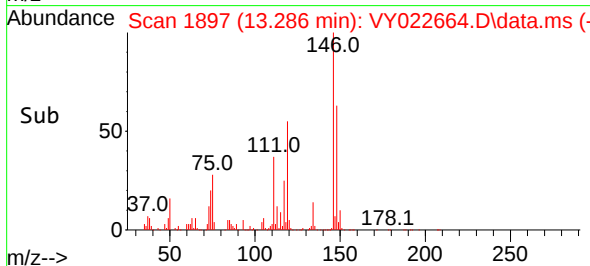


Tgt Ion:	146	Resp:	21010
Ion Ratio	Lower	Upper	
146	100		
111	38.6	20.1	60.2
148	63.8	32.1	96.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#88

1,4-Dichlorobenzene

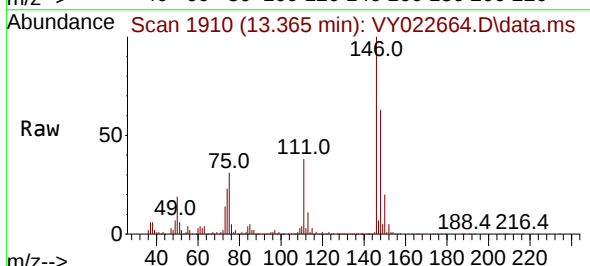
Concen: 49.053 ug/l

RT: 13.365 min Scan# 1910

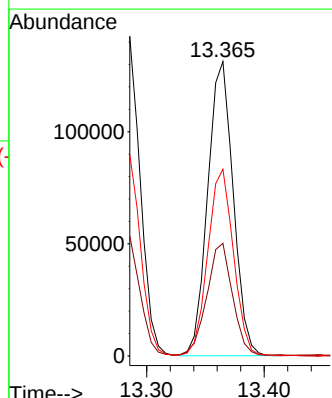
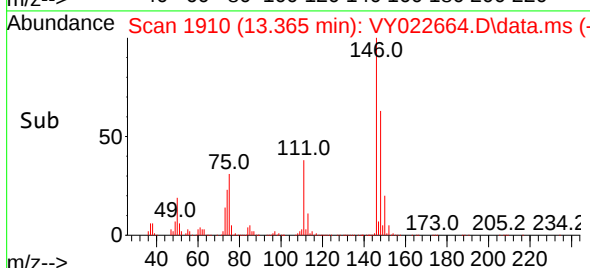
Delta R.T. -0.006 min

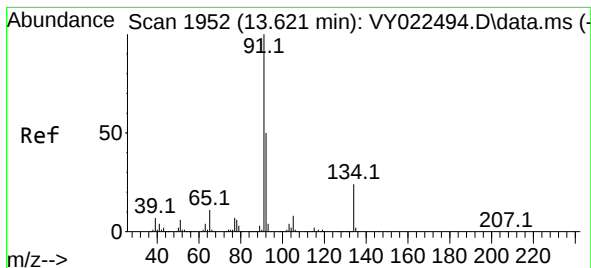
Lab File: VY022664.D

Acq: 11 Jun 2025 15:07



Tgt Ion:	146	Resp:	197667
Ion Ratio	Lower	Upper	
146	100		
111	38.2	19.4	58.2
148	64.2	31.6	94.8





#89

n-Butylbenzene

Concen: 50.596 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.006 min

Lab File: VY022664.D

Acq: 11 Jun 2025 15:07

Instrument :

MSVOA_Y

ClientSampleId :

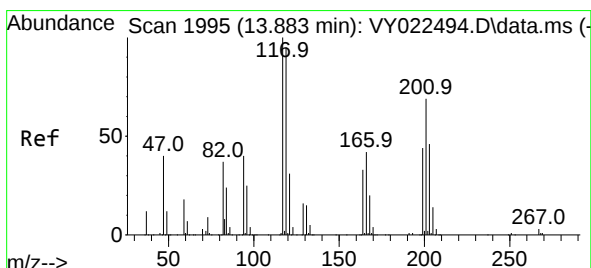
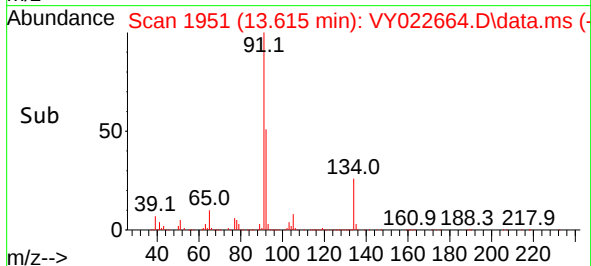
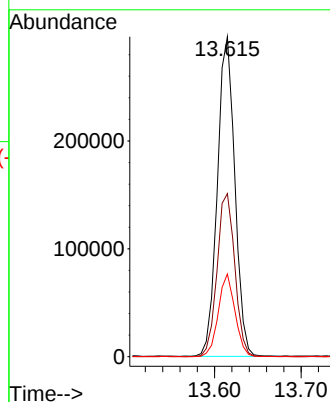
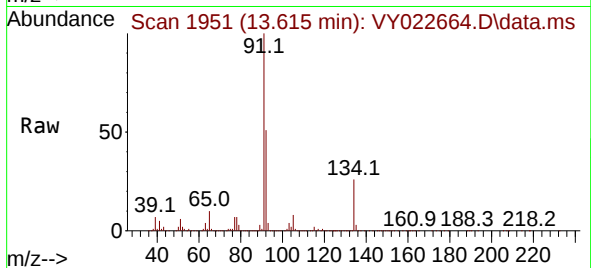
VSTDCCC050EC

Tgt Ion: 91 Resp: 414934
 Ion Ratio Lower Upper
 91 100
 92 51.9 25.9 77.8
 134 24.9 12.0 36.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/12/2025
 Supervised By :Semsettin Yesilyurt 06/12/2025



#90

Hexachloroethane

Concen: 50.740 ug/l

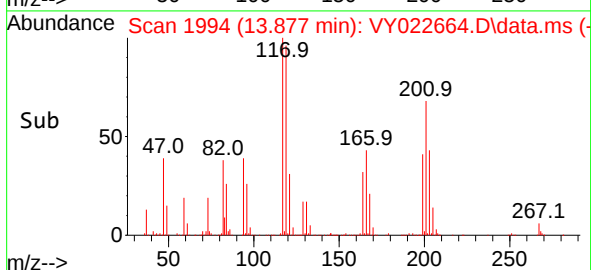
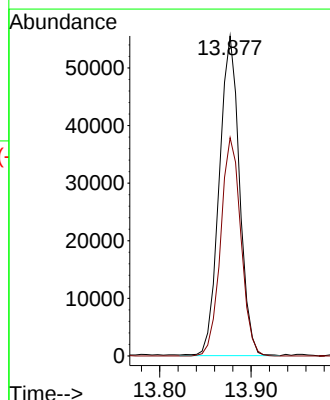
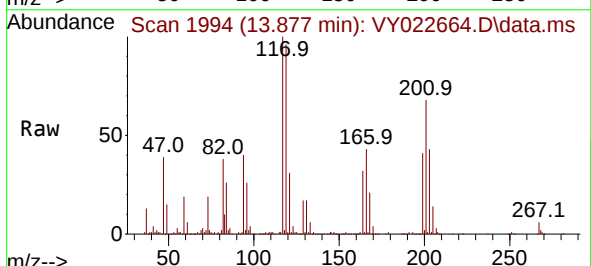
RT: 13.877 min Scan# 1994

Delta R.T. -0.006 min

Lab File: VY022664.D

Acq: 11 Jun 2025 15:07

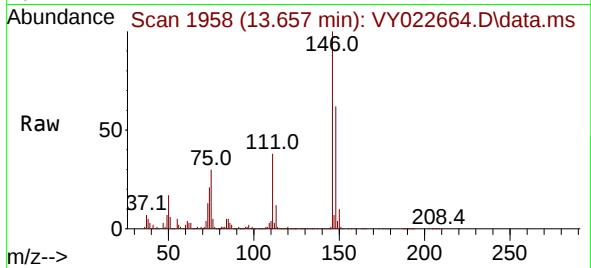
Tgt Ion:117 Resp: 85386
 Ion Ratio Lower Upper
 117 100
 201 68.4 34.0 102.0





#91
1,2-Dichlorobenzene
Concen: 49.555 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. -0.000 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

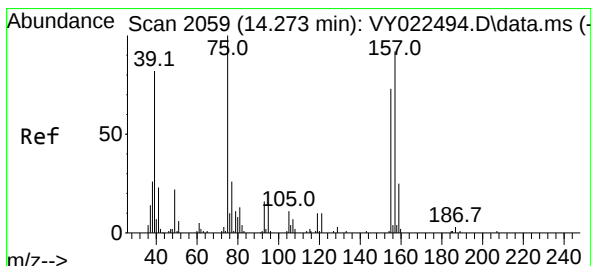
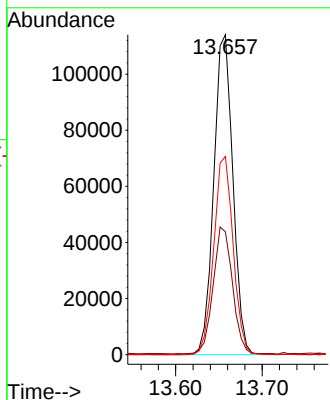
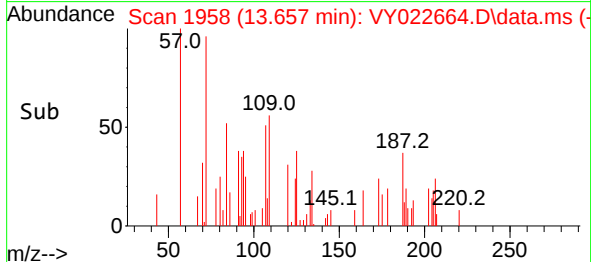
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



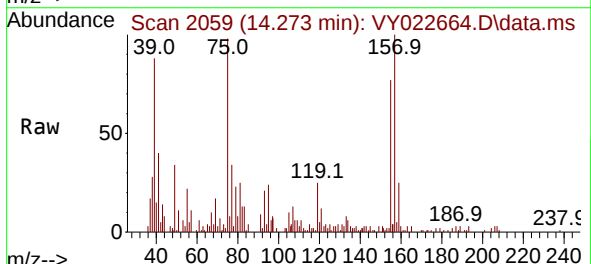
Tgt Ion:146 Resp: 17480
Ion Ratio Lower Upper
146 100
111 39.9 20.2 60.6
148 63.1 31.4 94.0

Manual Integrations
APPROVED

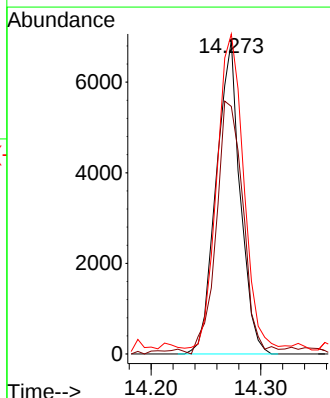
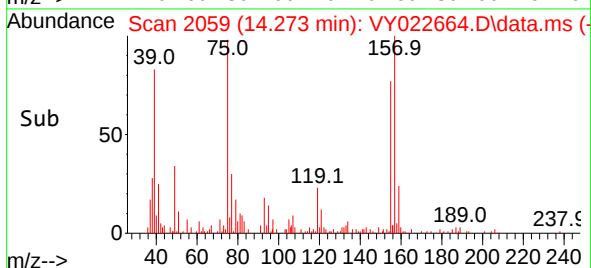
Reviewed By :Mahesh Dadoda 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025

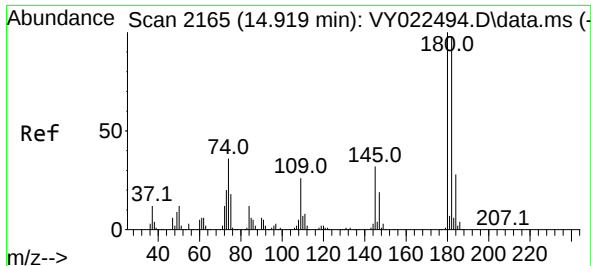


#92
1,2-Dibromo-3-Chloropropane
Concen: 45.142 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.000 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07



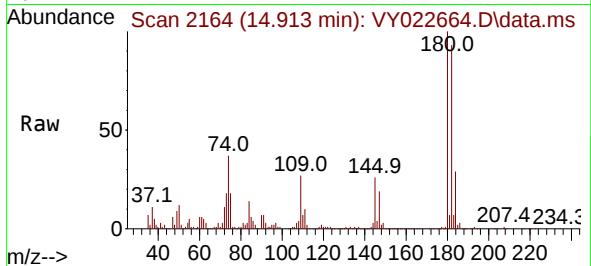
Tgt Ion: 75 Resp: 10482
Ion Ratio Lower Upper
75 100
155 88.5 39.9 119.6
157 111.3 54.0 162.0





#93
1,2,4-Trichlorobenzene
Concen: 51.112 ug/l
RT: 14.913 min Scan# 2164
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

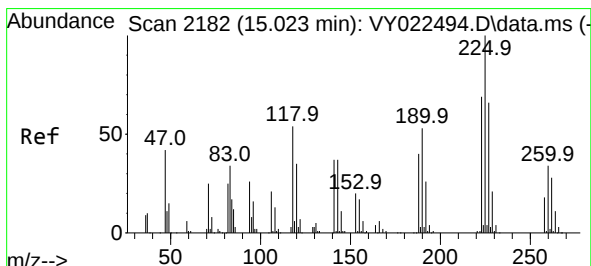
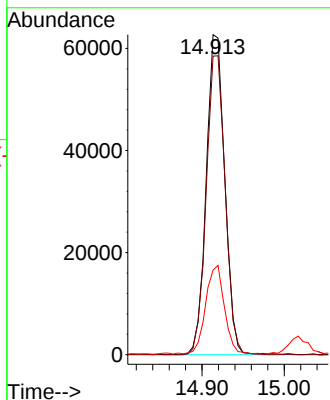
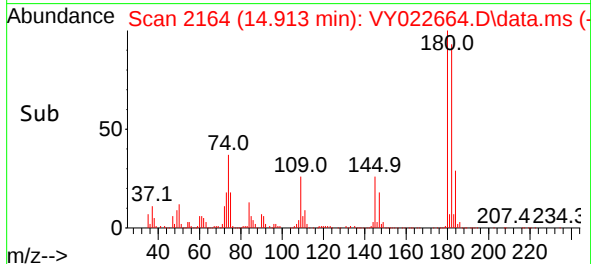
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:180 Resp: 9833
Ion Ratio Lower Upper
180 100
182 95.0 48.4 145.3
145 28.2 15.5 46.5

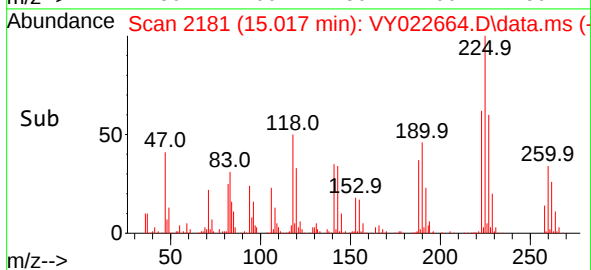
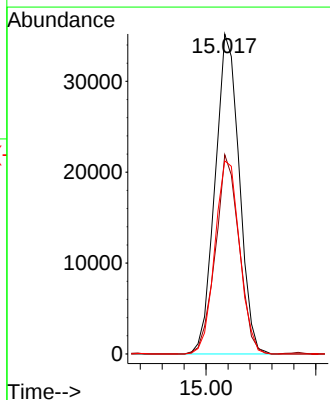
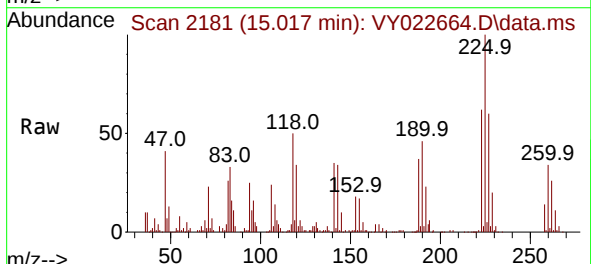
Manual Integrations
APPROVED

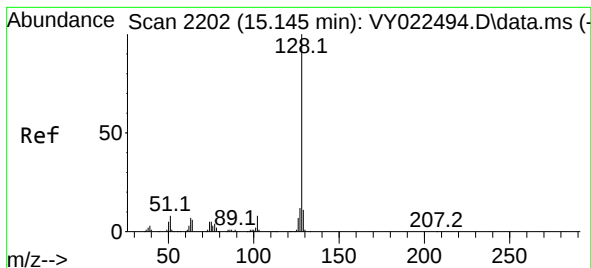
Reviewed By :Mahesh Dadoda 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#94
Hexachlorobutadiene
Concen: 50.664 ug/l
RT: 15.017 min Scan# 2181
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion:225 Resp: 53797
Ion Ratio Lower Upper
225 100
223 61.0 32.5 97.4
227 61.9 32.3 96.9





#95

Naphthalene

Concen: 58.089 ug/l

RT: 15.139 min Scan# 21446

Delta R.T. -0.006 min

Lab File: VY022664.D

Acq: 11 Jun 2025 15:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

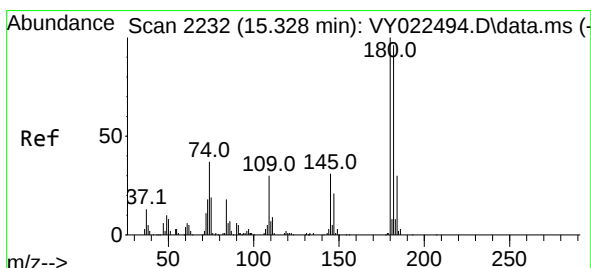
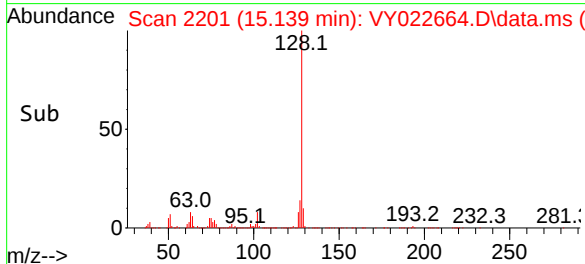
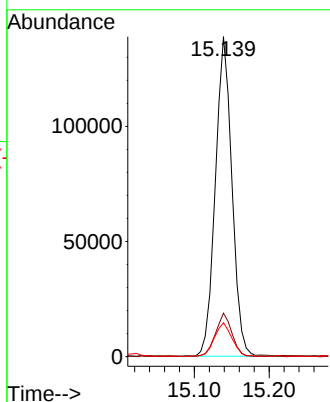
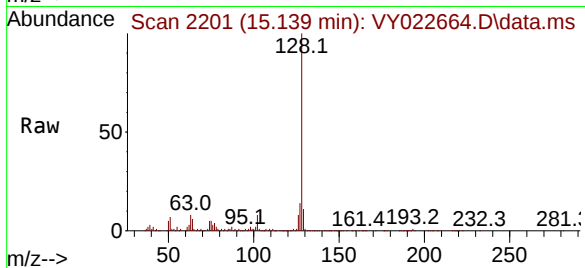
Tgt Ion:128 Resp: 21446

Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.4	15.6
129	11.1	8.9	13.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#96

1,2,3-Trichlorobenzene

Concen: 48.472 ug/l

RT: 15.322 min Scan# 2231

Delta R.T. -0.006 min

Lab File: VY022664.D

Acq: 11 Jun 2025 15:07

Tgt Ion:180 Resp: 79920

Ion	Ratio	Lower	Upper
180	100		
182	96.5	47.1	141.3
145	30.4	15.2	45.6

