

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120225\
 Data File : VY023863.D
 Acq On : 02 Dec 2025 17:20
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 12/03/2025
 Supervised By : Mahesh Dadoda 12/03/2025

Quant Time: Dec 03 01:05:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112625S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 27 01:14:36 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	456826	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	713050	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	638998	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	343372	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	228201	51.295	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.600%			
35) Dibromofluoromethane	7.640	113	218990	51.844	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.680%			
50) Toluene-d8	10.109	98	861973	51.376	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 102.760%			
62) 4-Bromofluorobenzene	12.408	95	292627	53.008	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 106.020%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.873	85	151901	44.122	ug/l	94
3) Chloromethane	2.080	50	214647	40.754	ug/l	100
4) Vinyl Chloride	2.214	62	255065	44.767	ug/l	100
5) Bromomethane	2.604	94	178612	44.439	ug/l	96
6) Chloroethane	2.745	64	178203	47.992	ug/l	98
7) Trichlorofluoromethane	3.068	101	376764	48.911	ug/l	96
8) Diethyl Ether	3.464	74	121715	50.168	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.824	101	227853	50.682	ug/l	99
10) Methyl Iodide	4.013	142	218520	44.356	ug/l	99
11) Tert butyl alcohol	4.872	59	76986	210.703	ug/l	99
12) 1,1-Dichloroethene	3.799	96	213419	48.253	ug/l	97
13) Acrolein	3.659	56	101146	192.567	ug/l	98
14) Allyl chloride	4.397	41	357591	51.034	ug/l	97
15) Acrylonitrile	5.067	53	278278	265.754	ug/l	98
16) Acetone	3.872	43	365158	284.887	ug/l	99
17) Carbon Disulfide	4.116	76	582703	40.823	ug/l	99
18) Methyl Acetate	4.397	43	136953	55.327	ug/l	99
19) Methyl tert-butyl Ether	5.128	73	597727	52.882	ug/l	96
20) Methylene Chloride	4.622	84	251805	46.468	ug/l	97
21) trans-1,2-Dichloroethene	5.128	96	238348	48.671	ug/l	97
22) Diisopropyl ether	6.025	45	847240	55.921	ug/l	98
23) Vinyl Acetate	5.970	43	2299438	272.926	ug/l	99
24) 1,1-Dichloroethane	5.921	63	464259	52.089	ug/l	98
25) 2-Butanone	6.902	43	424708	271.509	ug/l	99
26) 2,2-Dichloropropane	6.896	77	396622	50.203	ug/l	100
27) cis-1,2-Dichloroethene	6.896	96	294375	51.765	ug/l	100
28) Bromochloromethane	7.250	49	162812	43.915	ug/l	97
29) Tetrahydrofuran	7.268	42	227666	260.948	ug/l	99
30) Chloroform	7.427	83	474404	52.934	ug/l	97
31) Cyclohexane	7.707	56	399448	46.703	ug/l	98
32) 1,1,1-Trichloroethane	7.622	97	412138	51.807	ug/l	99
36) 1,1-Dichloropropene	7.841	75	334822	51.698	ug/l	100
37) Ethyl Acetate	6.988	43	164334	53.945	ug/l	98
38) Carbon Tetrachloride	7.823	117	370738	52.151	ug/l	100
39) Methylcyclohexane	9.115	83	420337	49.142	ug/l	99
40) Benzene	8.085	78	1030999	51.730	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.238	41	92800m	61.018	ug/l	
42) 1,2-Dichloroethane	8.164	62	280936	54.676	ug/l	100
43) Isopropyl Acetate	8.201	43	310573	54.555	ug/l #	87
44) Trichloroethene	8.872	130	272809	53.349	ug/l	96
45) 1,2-Dichloropropane	9.146	63	255943	54.467	ug/l	99
46) Dibromomethane	9.237	93	137078	53.759	ug/l	99
47) Bromodichloromethane	9.426	83	364780	54.741	ug/l	96
48) Methyl methacrylate	9.225	41	151250	56.429	ug/l	97
49) 1,4-Dioxane	9.231	88	29359	1027.375	ug/l	96
51) 4-Methyl-2-Pentanone	9.999	43	846370	282.414	ug/l	99
52) Toluene	10.176	92	659698	53.393	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	332217	54.424	ug/l	97
54) cis-1,3-Dichloropropene	9.859	75	392948	53.778	ug/l	99
55) 1,1,2-Trichloroethane	10.572	97	186833	54.699	ug/l	97
56) Ethyl methacrylate	10.444	69	247574	55.201	ug/l	97
57) 1,3-Dichloropropane	10.719	76	325380	54.609	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	587499	272.679	ug/l	100
59) 2-Hexanone	10.761	43	630654	284.572	ug/l	98
60) Dibromochloromethane	10.914	129	252546	55.099	ug/l	99
61) 1,2-Dibromoethane	11.018	107	171042	53.948	ug/l	98
64) Tetrachloroethene	10.652	164	344125	56.769	ug/l	97
65) Chlorobenzene	11.444	112	728661	51.949	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.517	131	256243	53.776	ug/l	99
67) Ethyl Benzene	11.524	91	1282100	53.514	ug/l	99
68) m/p-Xylenes	11.633	106	988184	107.038	ug/l	99
69) o-Xylene	11.956	106	467119	53.970	ug/l	98
70) Styrene	11.975	104	785459	55.090	ug/l	100
71) Bromoform	12.133	173	148223	53.327	ug/l #	99
73) Isopropylbenzene	12.255	105	1234512	50.657	ug/l	100
74) N-amyl acetate	12.072	43	273839	50.296	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.511	83	186910	46.585	ug/l	100
76) 1,2,3-Trichloropropane	12.560	75	138617m	46.422	ug/l	
77) Bromobenzene	12.536	156	285583	49.822	ug/l	99
78) n-propylbenzene	12.597	91	1489015	50.750	ug/l	99
79) 2-Chlorotoluene	12.682	91	842278	49.879	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	1010292	50.783	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	69776	49.392	ug/l	97
82) 4-Chlorotoluene	12.779	91	860383	49.612	ug/l	98
83) tert-Butylbenzene	12.999	119	916354	51.273	ug/l	100
84) 1,2,4-Trimethylbenzene	13.048	105	1003229	50.459	ug/l	98
85) sec-Butylbenzene	13.176	105	1347526	51.078	ug/l	99
86) p-Isopropyltoluene	13.291	119	1124806	51.009	ug/l	100
87) 1,3-Dichlorobenzene	13.291	146	564854	49.169	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	557385	48.608	ug/l	100
89) n-Butylbenzene	13.621	91	1028282	50.857	ug/l	100
90) Hexachloroethane	13.883	117	228647	49.352	ug/l	99
91) 1,2-Dichlorobenzene	13.663	146	505342	50.303	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.279	75	30887	45.991	ug/l	98
93) 1,2,4-Trichlorobenzene	14.925	180	292218	48.787	ug/l	99
94) Hexachlorobutadiene	15.029	225	178594	47.878	ug/l	98
95) Naphthalene	15.145	128	496390	49.140	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	248200	48.655	ug/l	99

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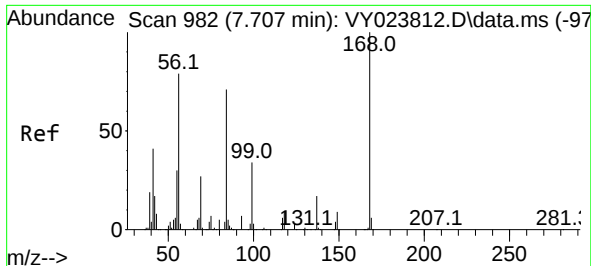
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 12/03/2025

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Response via : Initial Calibration

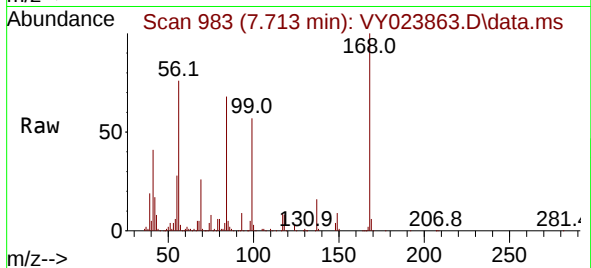
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023863.D
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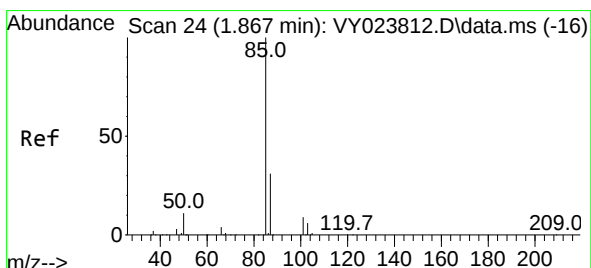
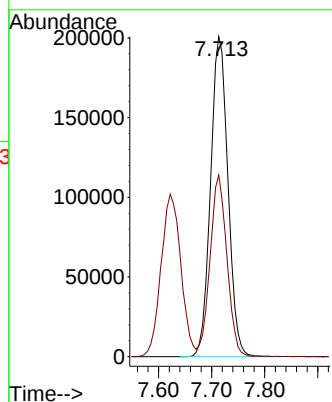
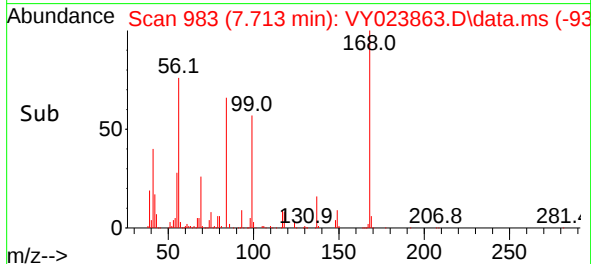
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 456820
Ion Ratio Lower Upper
168 100
99 56.7 44.0 66.0

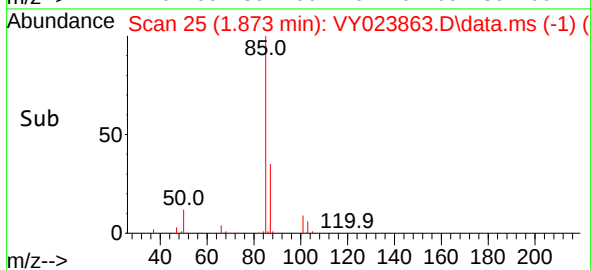
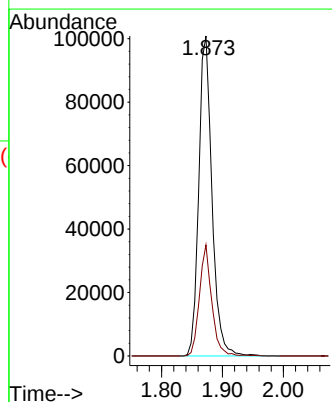
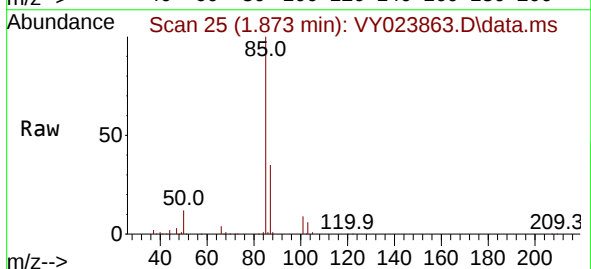
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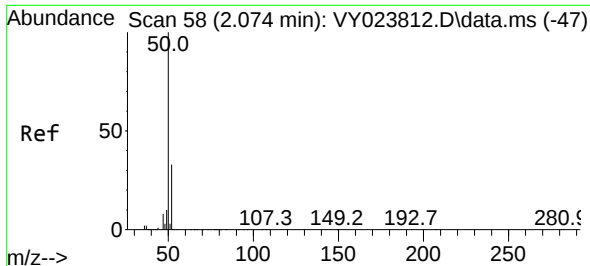
Reviewed By :Semsettin Yesilyurt 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025



#2
Dichlorodifluoromethane
Concen: 44.122 ug/l
RT: 1.873 min Scan# 25
Delta R.T. 0.006 min
Lab File: VY023863.D
Acq: 02 Dec 2025 17:20

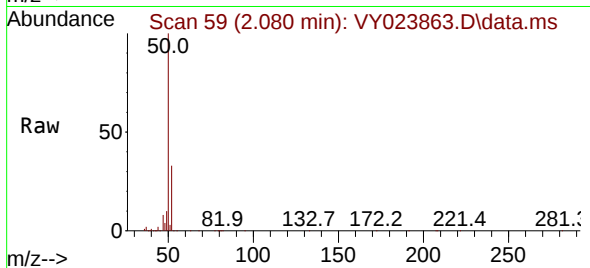
Tgt Ion: 85 Resp: 151901
Ion Ratio Lower Upper
85 100
87 34.7 15.7 47.1





#3
Chloromethane
Concen: 40.754 ug/l
RT: 2.080 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY023863.D
Acq: 02 Dec 2025 17:20

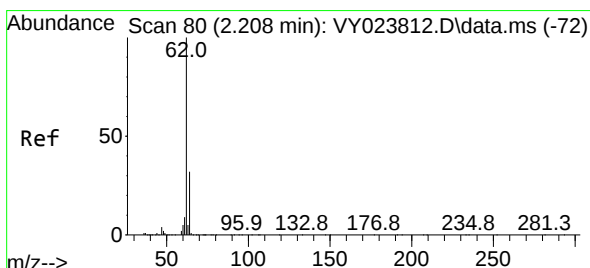
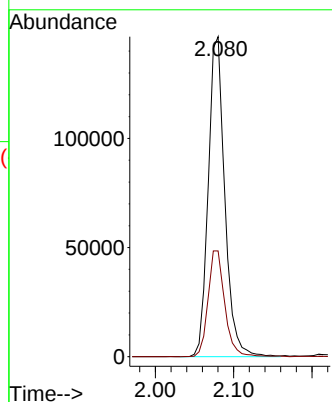
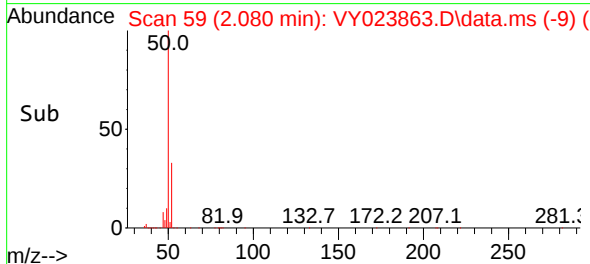
Instrument :
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VSTDCCC050EC



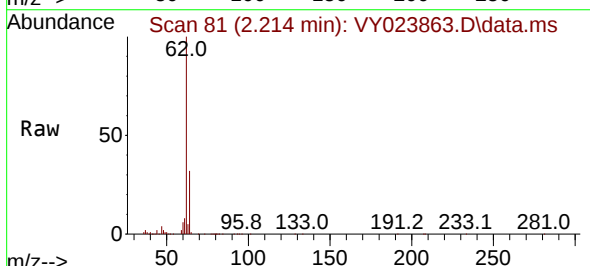
Tgt Ion: 50 Resp: 21464
Ion Ratio Lower Upper
50 100
52 33.1 26.6 39.8

Manual Integrations
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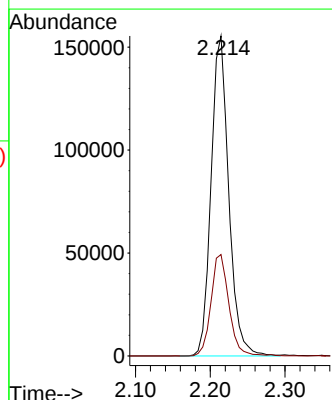
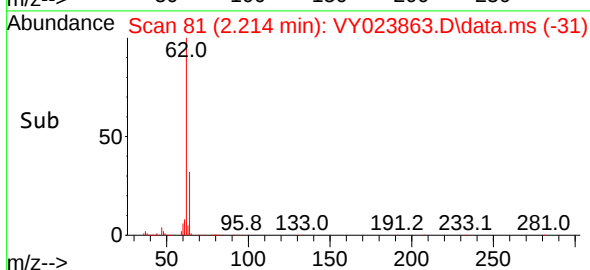
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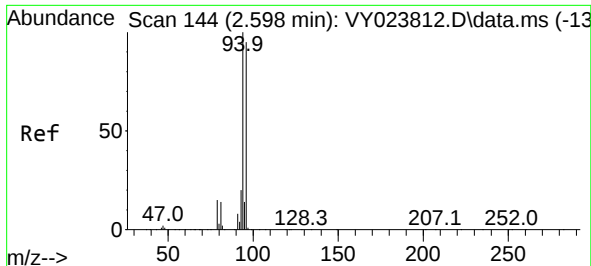


#4
Vinyl Chloride
Concen: 44.767 ug/l
RT: 2.214 min Scan# 81
Delta R.T. 0.006 min
Lab File: VY023863.D
Acq: 02 Dec 2025 17:20



Tgt Ion: 62 Resp: 255065
Ion Ratio Lower Upper
62 100
64 31.7 25.4 38.0





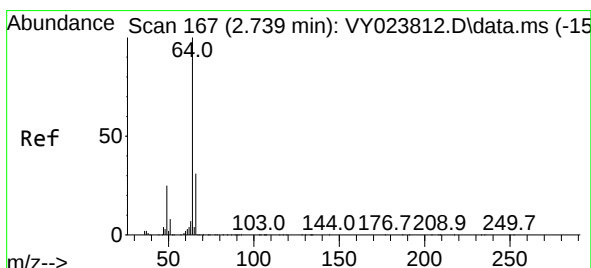
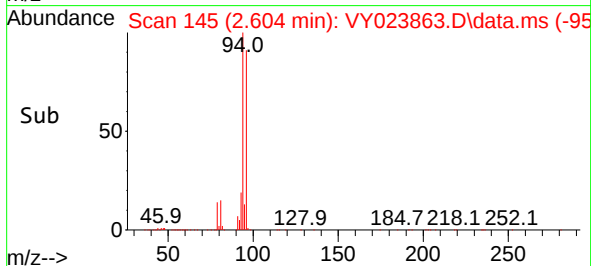
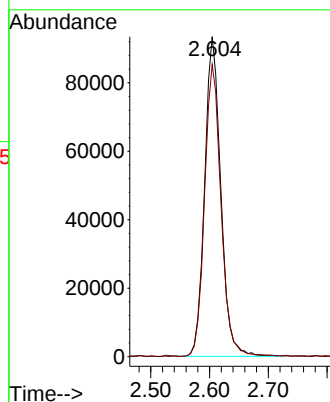
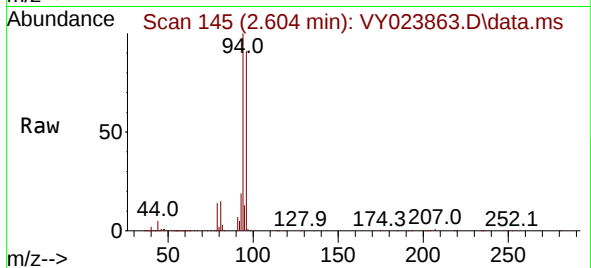
#5
Bromomethane
Concen: 44.439 ug/l
RT: 2.604 min Scan# 144
Delta R.T. 0.006 min
Lab File: VY023863.D
Acq: 02 Dec 2025 17:20

Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 178612
Ion Ratio Lower Upper
94 100
96 91.2 76.1 114.1

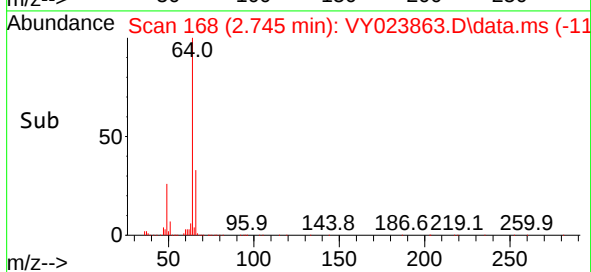
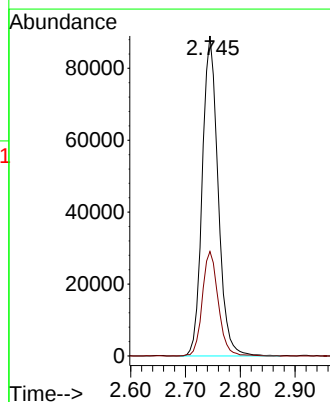
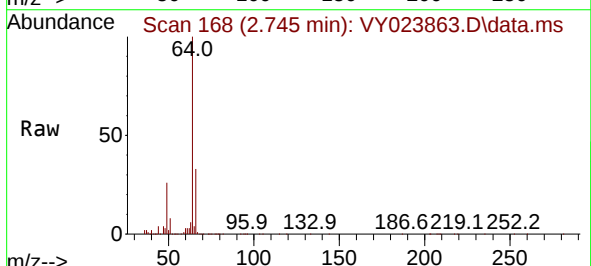
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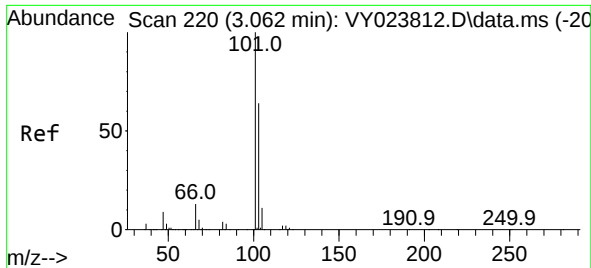
Reviewed By :Semsettin Yesilyurt 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025



#6
Chloroethane
Concen: 47.992 ug/l
RT: 2.745 min Scan# 168
Delta R.T. 0.006 min
Lab File: VY023863.D
Acq: 02 Dec 2025 17:20

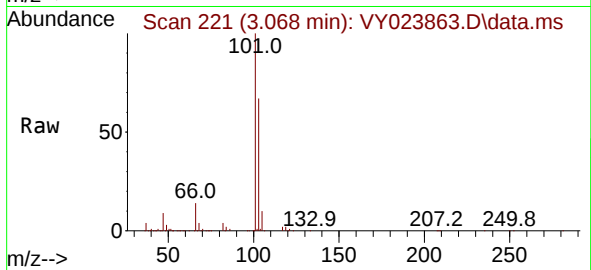
Tgt Ion: 64 Resp: 178203
Ion Ratio Lower Upper
64 100
66 32.7 25.1 37.7





#7
Trichlorofluoromethane
Concen: 48.911 ug/l
RT: 3.068 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY023863.D
Acq: 02 Dec 2025 17:20

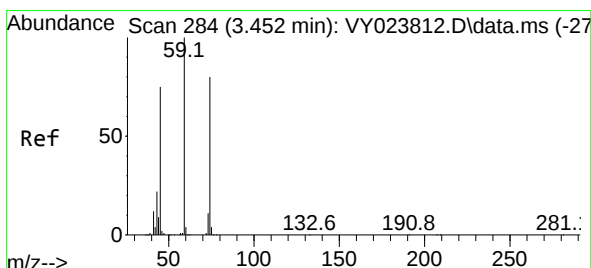
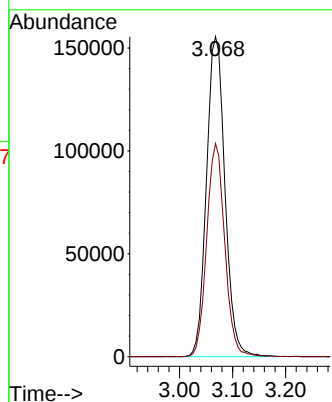
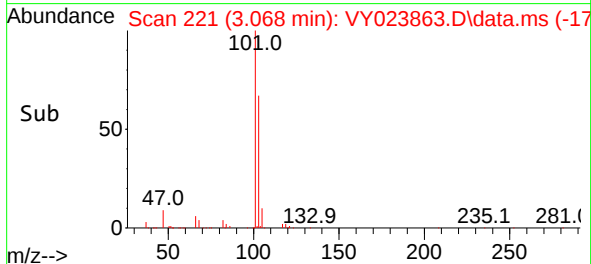
Instrument :
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VSTDCCC050EC



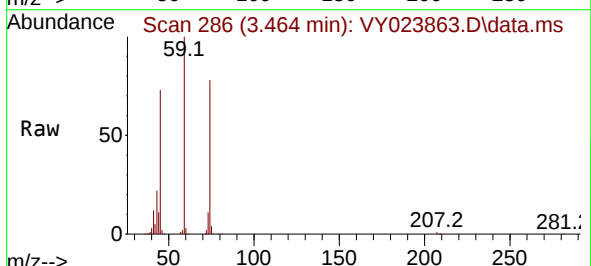
Tgt Ion:101 Resp: 376764
Ion Ratio Lower Upper
101 100
103 66.6 50.8 76.2

Manual Integrations
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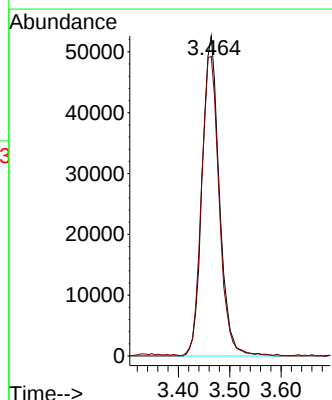
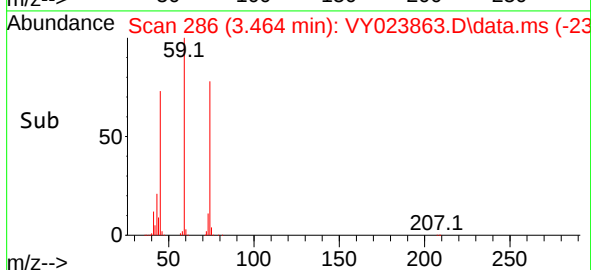
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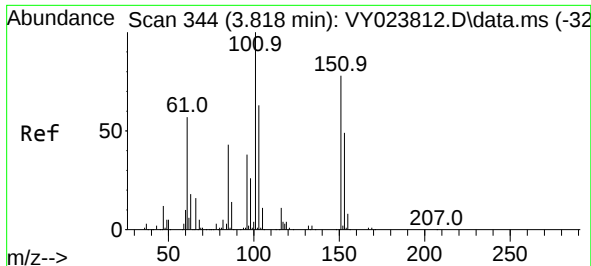


#8
Diethyl Ether
Concen: 50.168 ug/l
RT: 3.464 min Scan# 286
Delta R.T. 0.012 min
Lab File: VY023863.D
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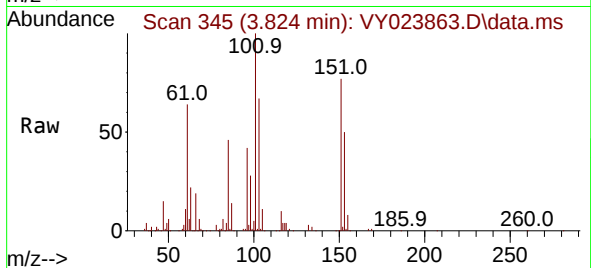
Tgt Ion: 74 Resp: 121715
Ion Ratio Lower Upper
74 100
45 96.8 47.0 141.0





#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.682 ug/l
RT: 3.824 min Scan# 344
Delta R.T. 0.006 min
Lab File: VY023863.D
Acq: 02 Dec 2025 17:20

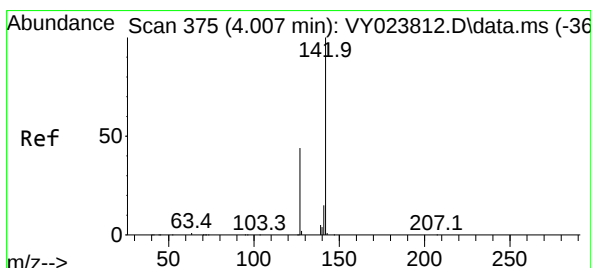
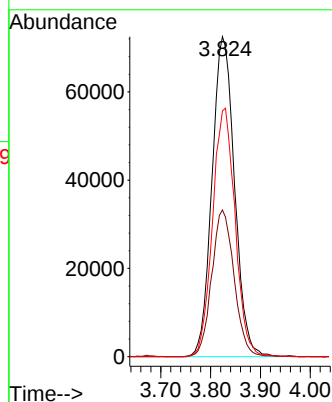
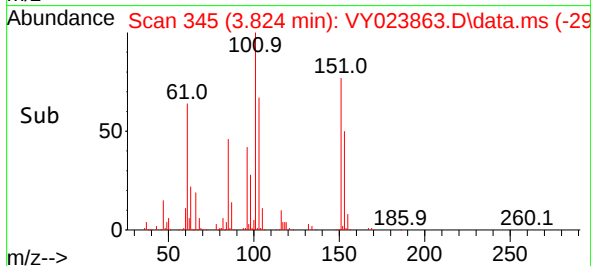
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 22785
Ion Ratio Lower Upper
101 100
85 45.5 35.8 53.8
151 77.7 62.8 94.2

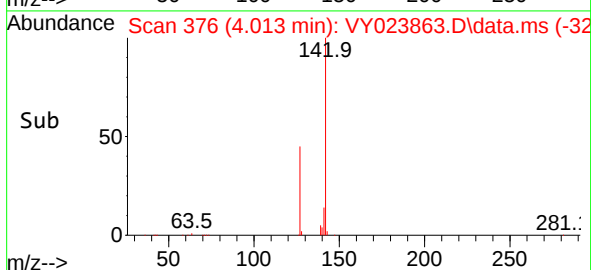
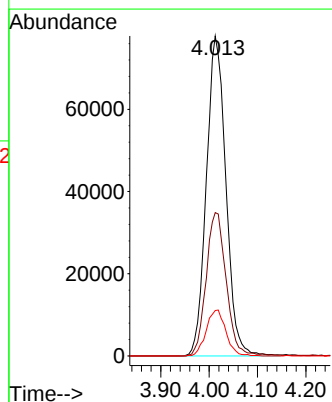
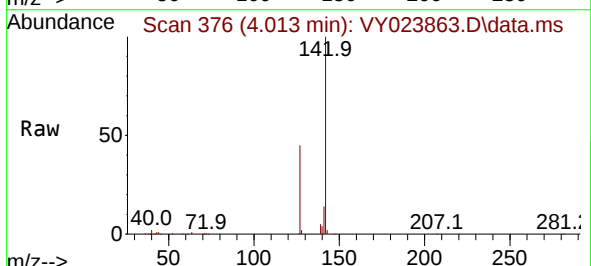
Manual Integrations
APPROVED

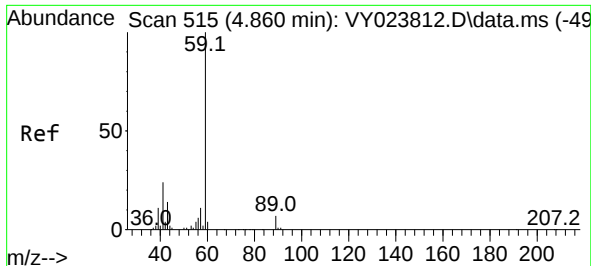
Reviewed By :Semsettin Yesilyurt 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025



#10
Methyl Iodide
Concen: 44.356 ug/l
RT: 4.013 min Scan# 376
Delta R.T. 0.006 min
Lab File: VY023863.D
Acq: 02 Dec 2025 17:20

Tgt Ion:142 Resp: 218520
Ion Ratio Lower Upper
142 100
127 46.1 36.2 54.2
141 14.5 11.4 17.0





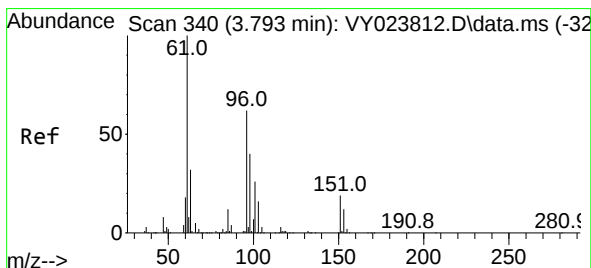
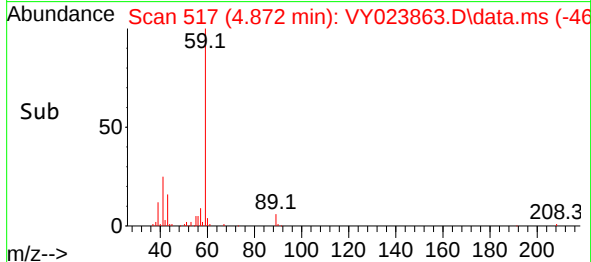
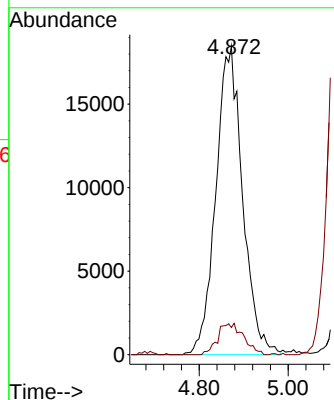
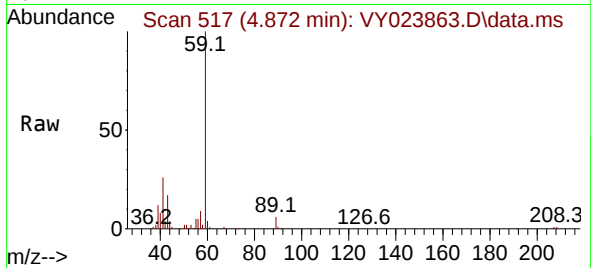
#11
Tert butyl alcohol
Concen: 210.703 ug/l
RT: 4.872 min Scan# 515
Delta R.T. 0.012 min
Lab File: VY023863.D
Acq: 02 Dec 2025 17:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 76980
Ion Ratio Lower Upper
59 100
57 9.8 8.0 12.0

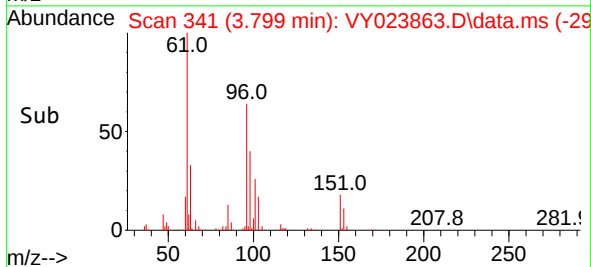
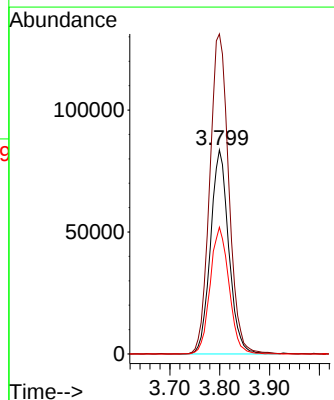
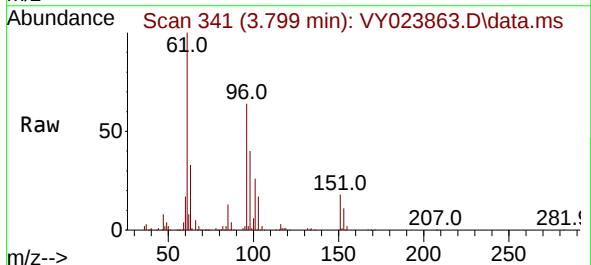
Manual Integrations
APPROVED

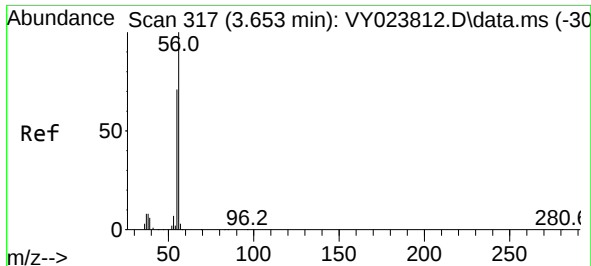
Reviewed By :Semsettin Yesilyurt 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025



#12
1,1-Dichloroethene
Concen: 48.253 ug/l
RT: 3.799 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY023863.D
Acq: 02 Dec 2025 17:20

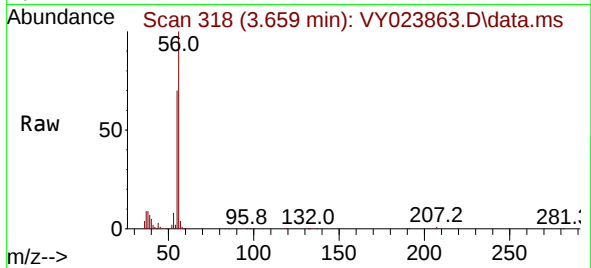
Tgt Ion: 96 Resp: 213419
Ion Ratio Lower Upper
96 100
61 156.8 128.9 193.3
98 62.1 51.8 77.6





#13
Acrolein
Concen: 192.567 ug/l
RT: 3.659 min Scan# 317
Delta R.T. 0.006 min
Lab File: VY023863.D
Acq: 02 Dec 2025 17:20

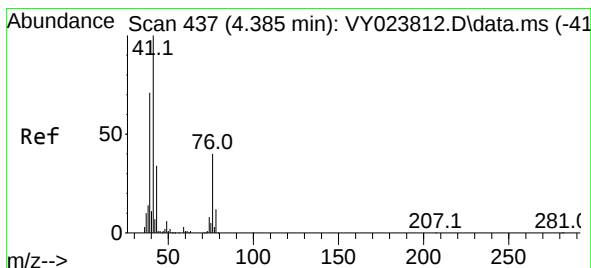
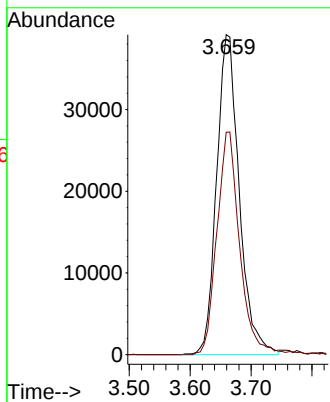
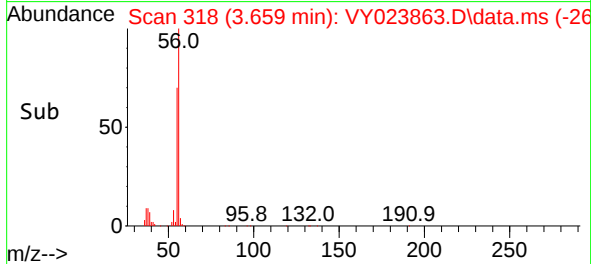
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



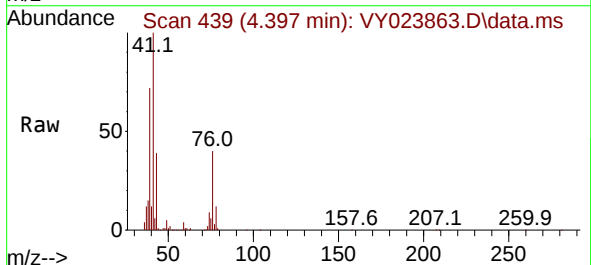
Tgt Ion: 56 Resp: 101140
Ion Ratio Lower Upper
56 100
55 69.8 57.1 85.7

Manual Integrations
APPROVED

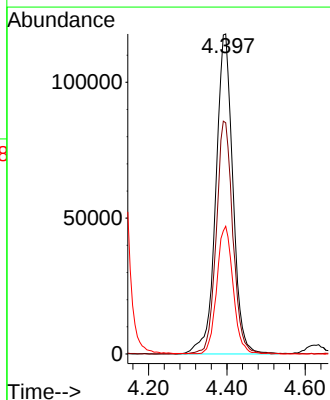
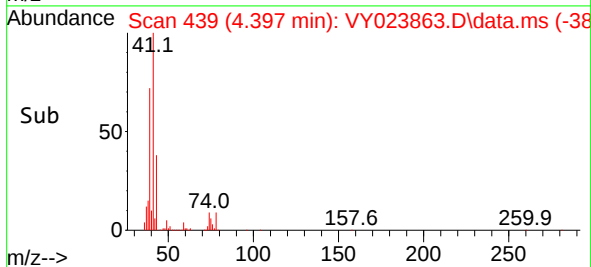
Reviewed By :Semsettin Yesilyurt 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025

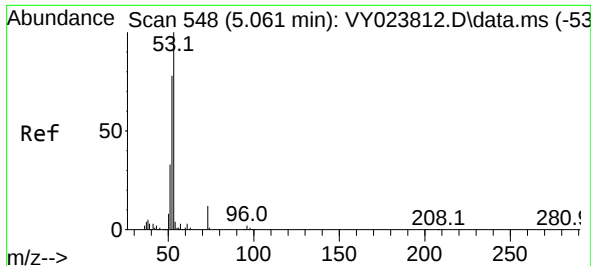


#14
Allyl chloride
Concen: 51.034 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.012 min
Lab File: VY023863.D
Acq: 02 Dec 2025 17:20



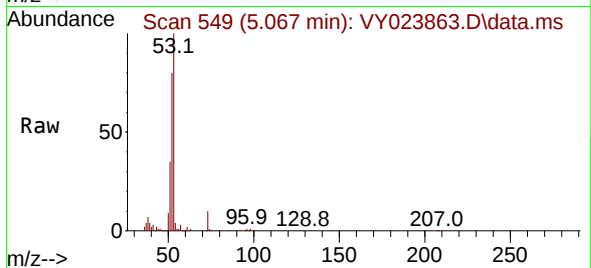
Tgt Ion: 41 Resp: 357591
Ion Ratio Lower Upper
41 100
39 70.5 54.1 81.1
76 37.8 31.0 46.6





#15
Acrylonitrile
Concen: 265.754 ug/l
RT: 5.067 min Scan# 548
Delta R.T. 0.006 min
Lab File: VY023863.D
Acq: 02 Dec 2025 17:20

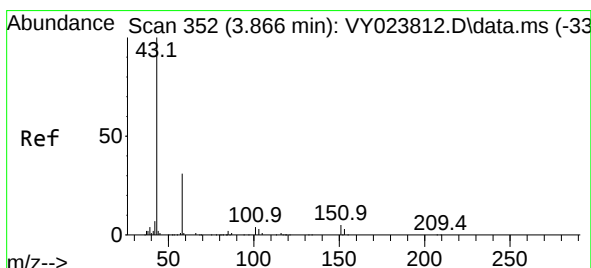
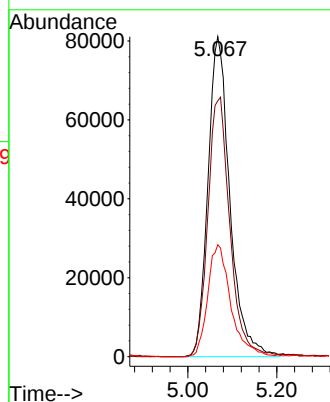
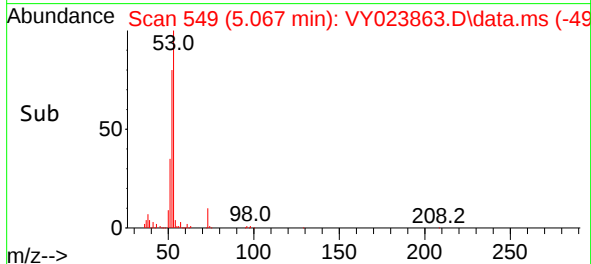
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 278278
Ion Ratio Lower Upper
53 100
52 81.4 64.0 96.0
51 36.8 28.7 43.1

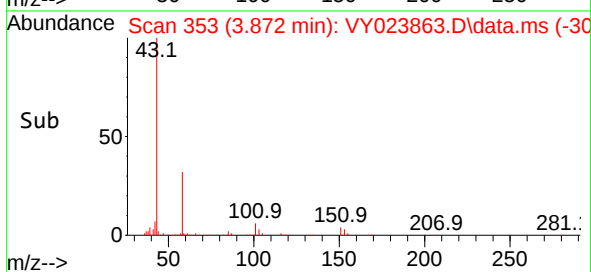
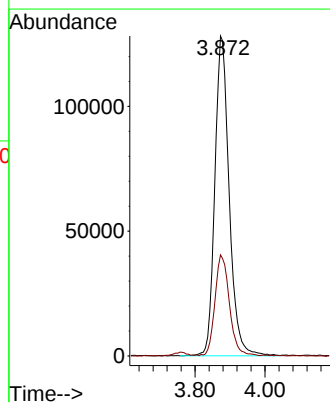
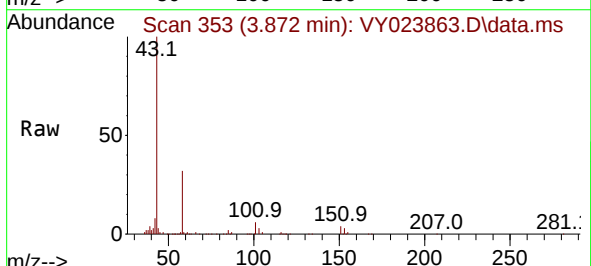
Manual Integrations
APPROVED

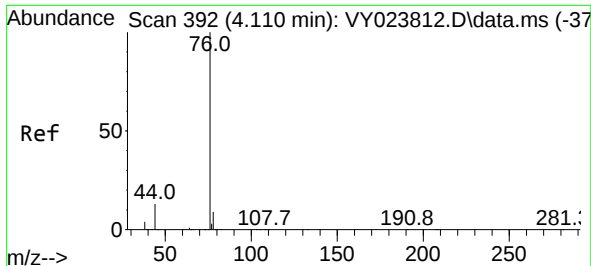
Reviewed By :Semsettin Yesilyurt 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025



#16
Acetone
Concen: 284.887 ug/l
RT: 3.872 min Scan# 353
Delta R.T. 0.006 min
Lab File: VY023863.D
Acq: 02 Dec 2025 17:20

Tgt Ion: 43 Resp: 365158
Ion Ratio Lower Upper
43 100
58 31.5 25.4 38.2





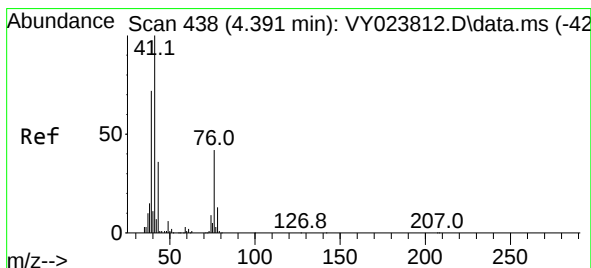
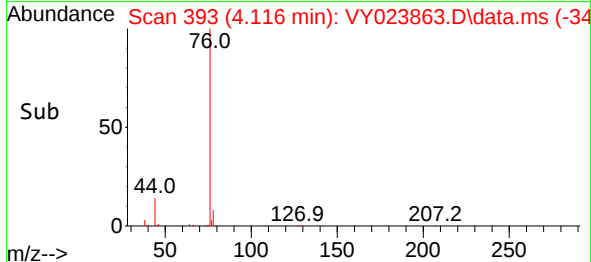
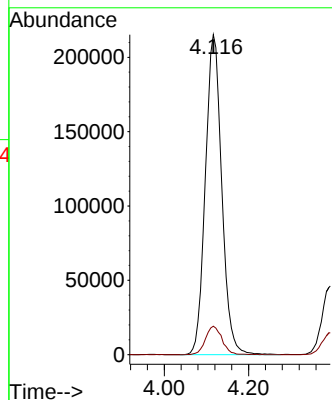
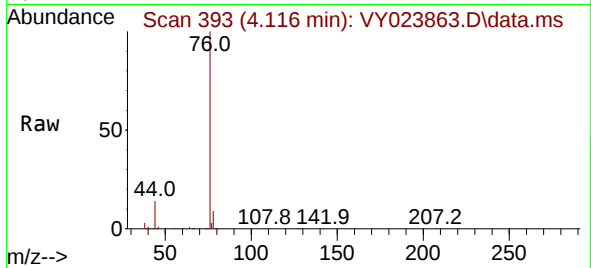
#17
Carbon Disulfide
Concen: 40.823 ug/l
RT: 4.116 min Scan# 392
Delta R.T. 0.006 min
Lab File: VY023863.D
Acq: 02 Dec 2025 17:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 58270
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.2

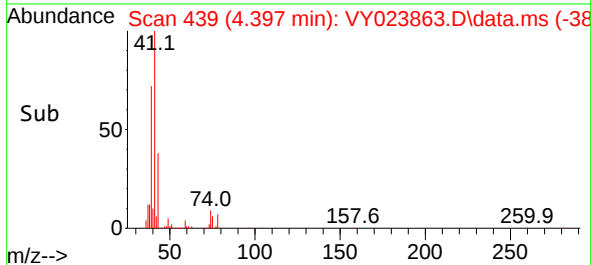
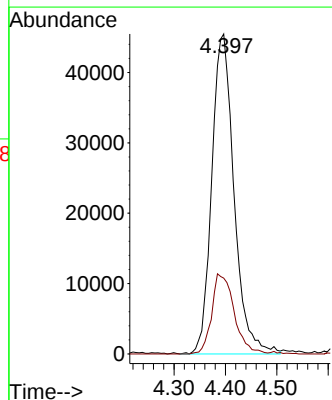
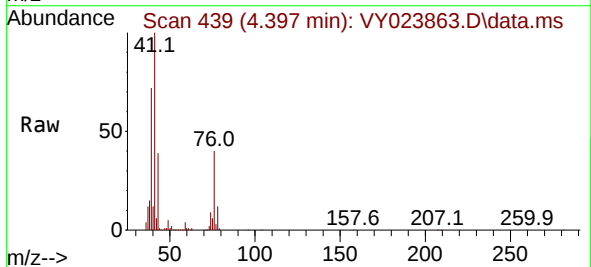
Manual Integrations
APPROVED

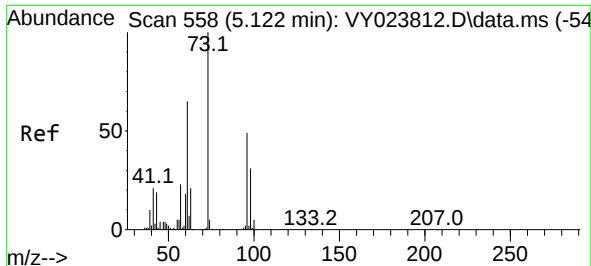
Reviewed By :Semsettin Yesilyurt 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025



#18
Methyl Acetate
Concen: 55.327 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.006 min
Lab File: VY023863.D
Acq: 02 Dec 2025 17:20

Tgt Ion: 43 Resp: 136953
Ion Ratio Lower Upper
43 100
74 25.2 19.8 29.8





#19

Methyl tert-butyl Ether

Concen: 52.882 ug/l

RT: 5.128 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY023863.D

Acq: 02 Dec 2025 17:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 73 Resp: 59772

Ion Ratio Lower Upper

73 100

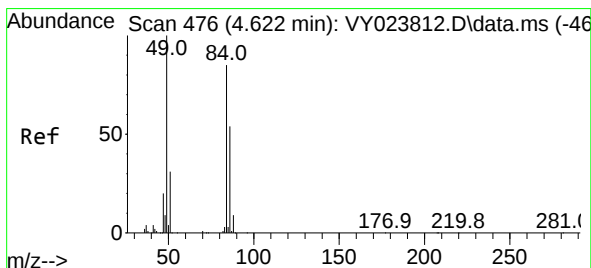
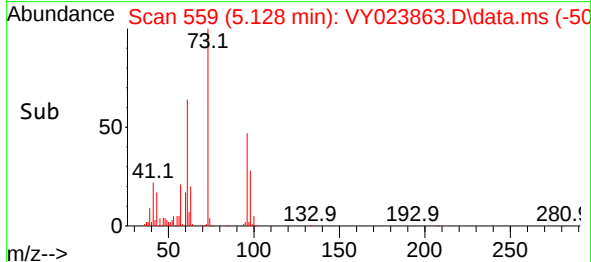
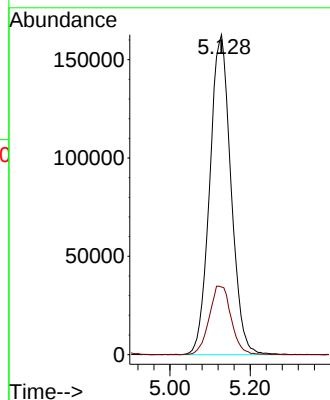
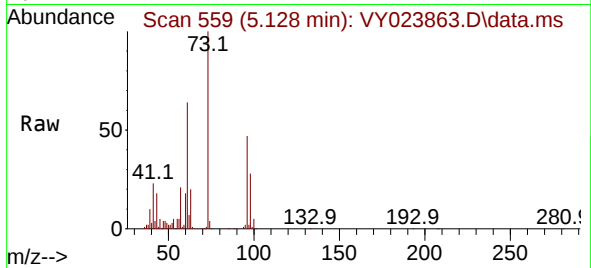
57 21.2 18.4 27.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/03/2025

Supervised By :Mahesh Dadoda 12/03/2025



#20

Methylene Chloride

Concen: 46.468 ug/l

RT: 4.622 min Scan# 476

Delta R.T. -0.000 min

Lab File: VY023863.D

Acq: 02 Dec 2025 17:20

Tgt Ion: 84 Resp: 251805

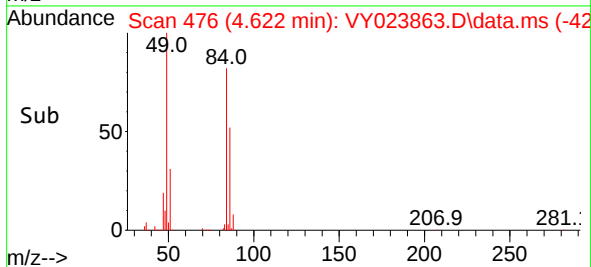
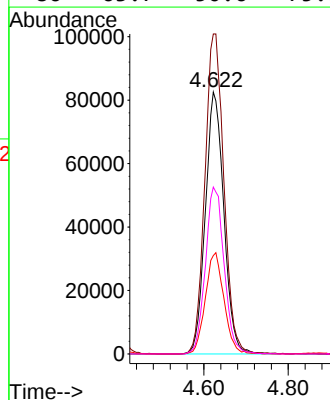
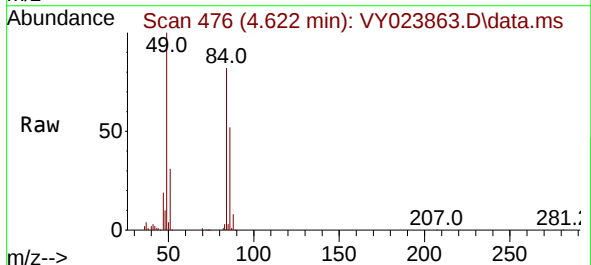
Ion Ratio Lower Upper

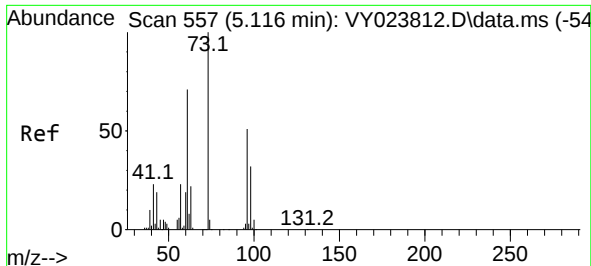
84 100

49 122.1 94.0 141.0

51 37.6 29.2 43.8

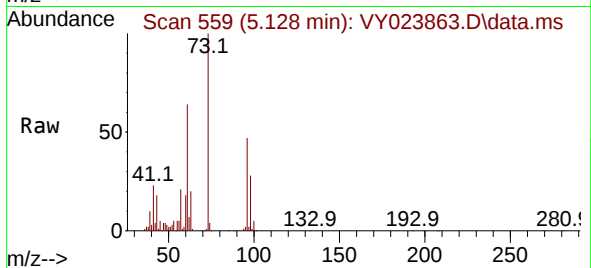
86 63.7 50.6 75.8





#21
trans-1,2-Dichloroethene
Concen: 48.671 ug/l
RT: 5.128 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY023863.D
Acq: 02 Dec 2025 17:20

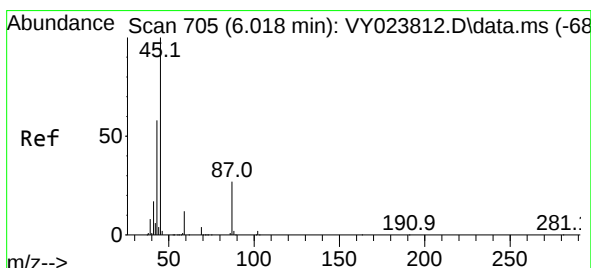
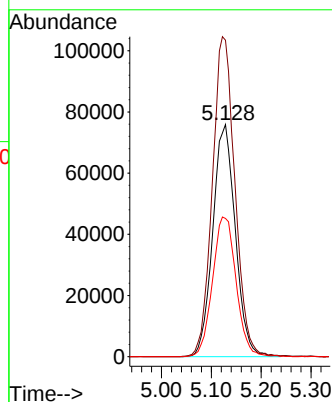
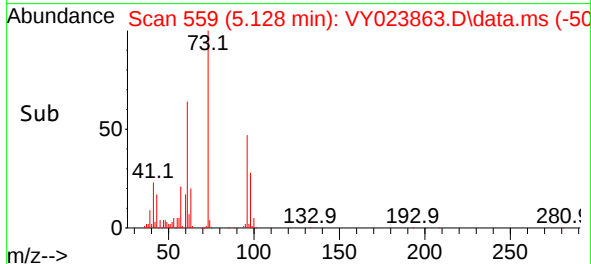
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



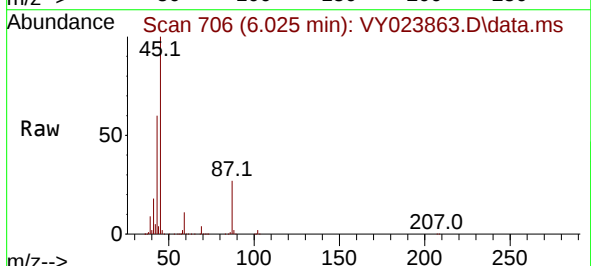
Tgt Ion: 96 Resp: 238348
Ion Ratio Lower Upper
96 100
61 136.3 111.2 166.8
98 59.6 50.5 75.7

Manual Integrations
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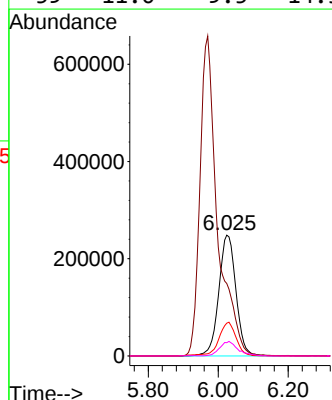
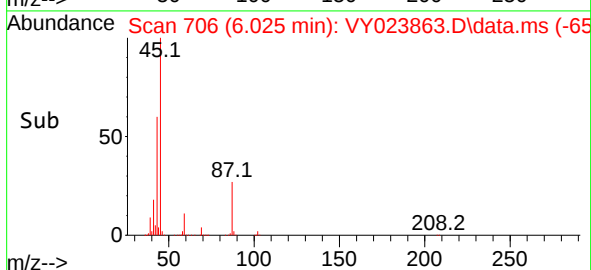
Reviewed By :Semsettin Yesilyurt 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025

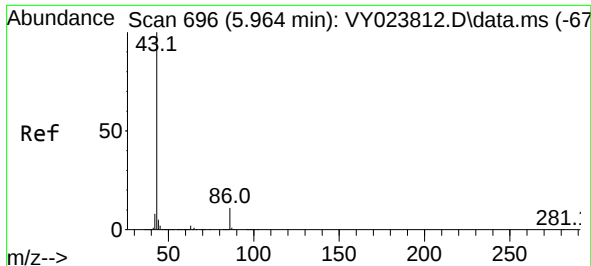


#22
Diisopropyl ether
Concen: 55.921 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY023863.D
Acq: 02 Dec 2025 17:20



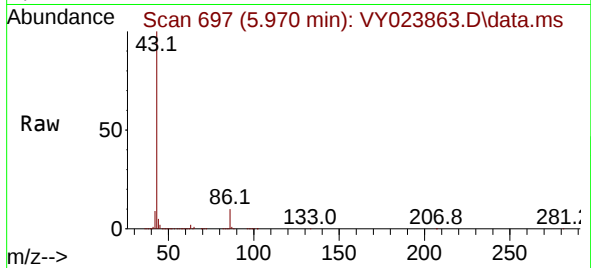
Tgt Ion: 45 Resp: 847240
Ion Ratio Lower Upper
45 100
43 60.0 46.4 69.6
87 27.1 22.1 33.1
59 11.0 9.5 14.3





#23
 Vinyl Acetate
 Concen: 272.926 ug/l
 RT: 5.970 min Scan# 697
 Delta R.T. 0.006 min
 Lab File: VY023863.D
 Acq: 02 Dec 2025 17:20

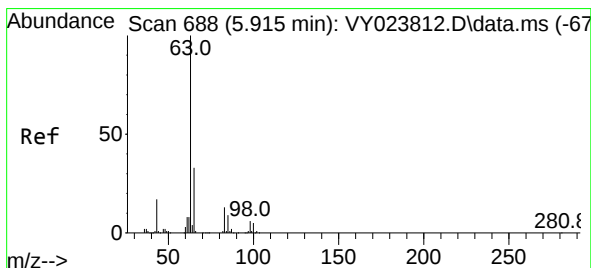
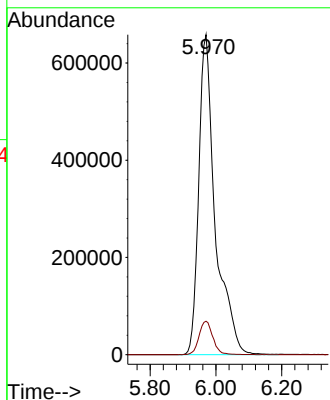
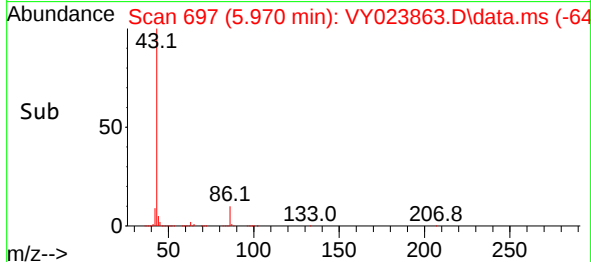
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC



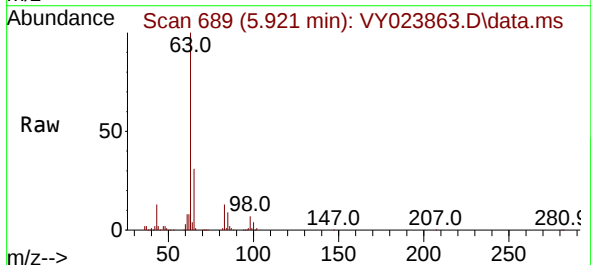
Tgt Ion: 43 Resp: 2299438
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.6 13.0

Manual Integrations
 APPROVED

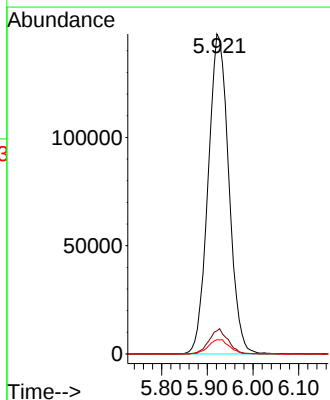
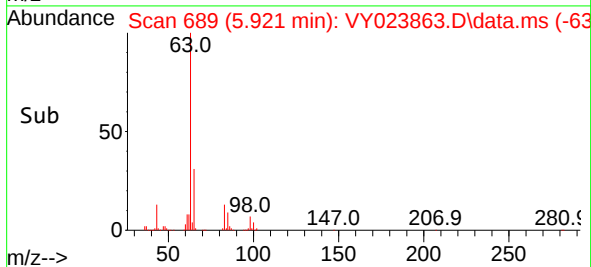
Reviewed By :Semsettin Yesilyurt 12/03/2025
 Supervised By :Mahesh Dadoda 12/03/2025

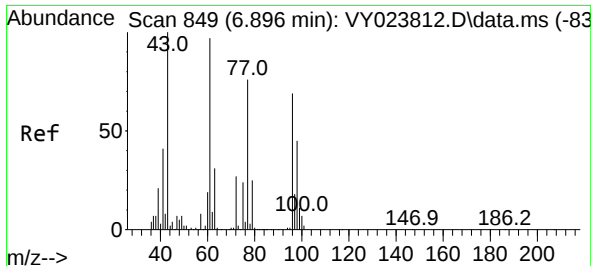


#24
 1,1-Dichloroethane
 Concen: 52.089 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY023863.D
 Acq: 02 Dec 2025 17:20



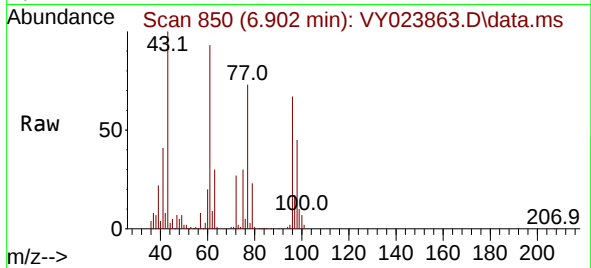
Tgt Ion: 63 Resp: 464259
 Ion Ratio Lower Upper
 63 100
 98 7.2 2.9 8.8
 100 4.4 2.3 6.9





#25
2-Butanone
Concen: 271.509 ug/l
RT: 6.902 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY023863.D
Acq: 02 Dec 2025 17:20

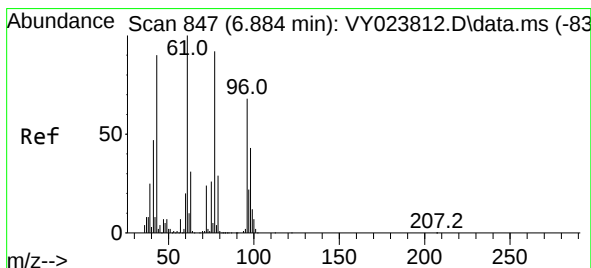
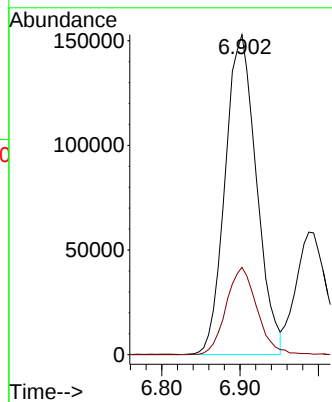
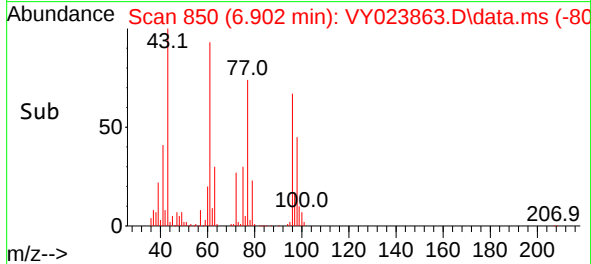
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 424708
Ion Ratio Lower Upper
43 100
72 27.3 21.3 31.9

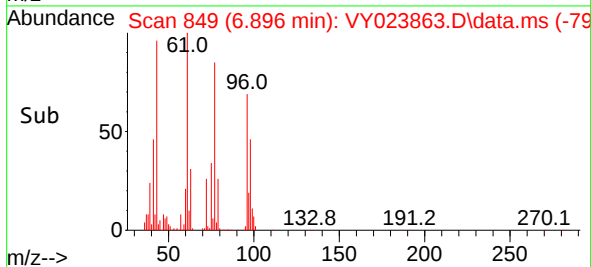
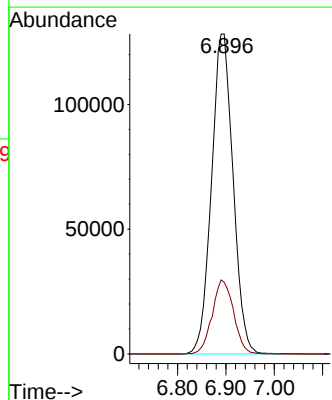
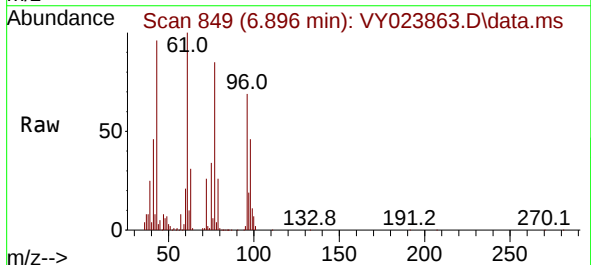
Manual Integrations
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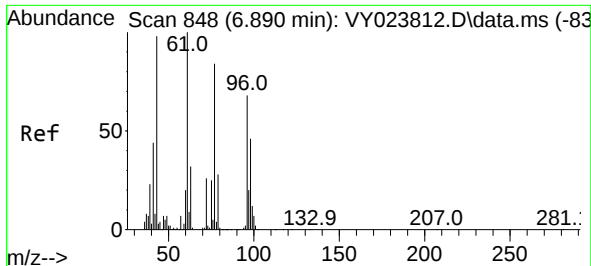
Reviewed By :Semsettin Yesilyurt 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025



#26
2,2-Dichloropropane
Concen: 50.203 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.012 min
Lab File: VY023863.D
Acq: 02 Dec 2025 17:20

Tgt Ion: 77 Resp: 396622
Ion Ratio Lower Upper
77 100
97 22.9 11.5 34.4





#27

cis-1,2-Dichloroethene

Concen: 51.765 ug/l

RT: 6.896 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY023863.D

Acq: 02 Dec 2025 17:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 294375

Ion Ratio Lower Upper

96 100

61 145.3 0.0 291.2

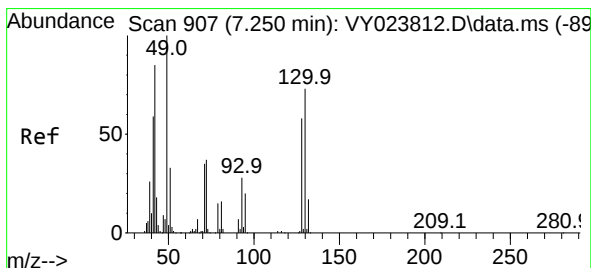
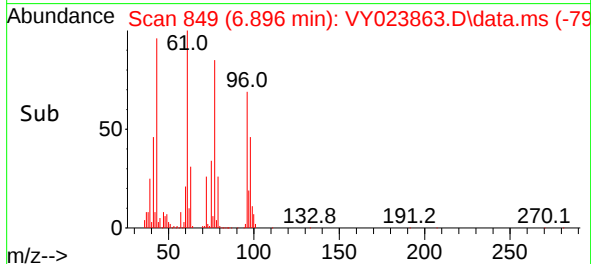
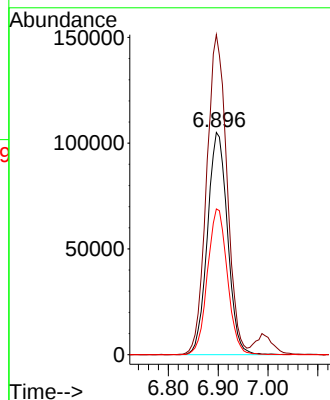
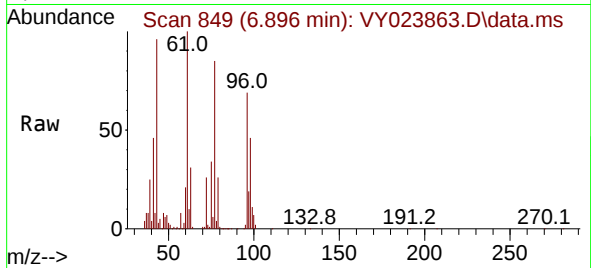
98 65.1 0.0 128.6

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 12/03/2025

Supervised By :Mahesh Dadoda 12/03/2025



#28

Bromochloromethane

Concen: 43.915 ug/l

RT: 7.250 min Scan# 907

Delta R.T. -0.000 min

Lab File: VY023863.D

Acq: 02 Dec 2025 17:20

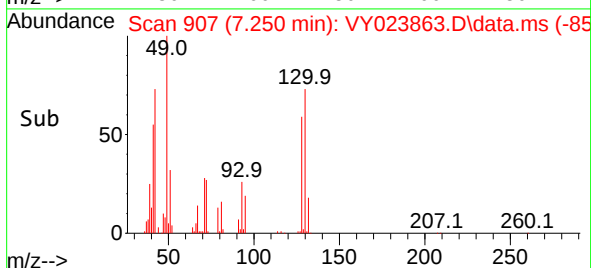
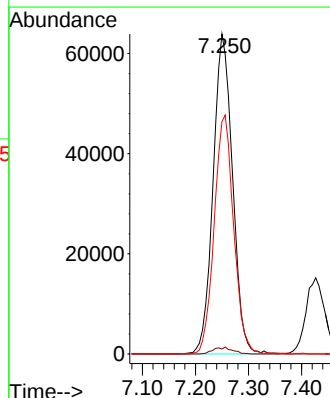
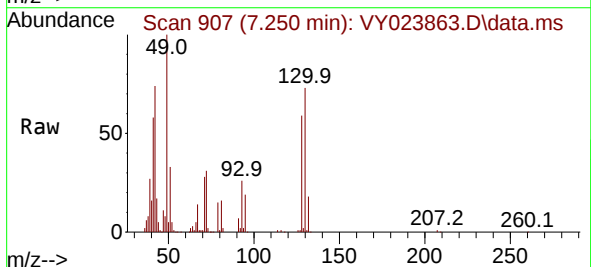
Tgt Ion: 49 Resp: 162812

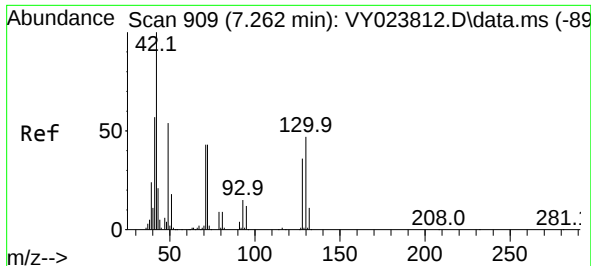
Ion Ratio Lower Upper

49 100

129 2.1 0.0 3.8

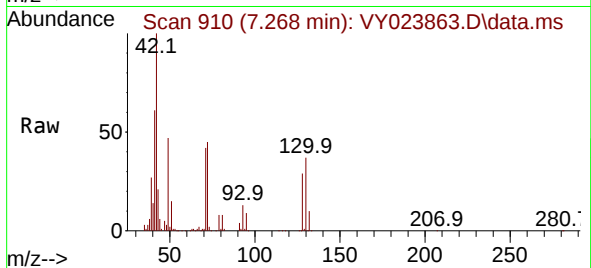
130 74.5 61.4 92.2





#29
Tetrahydrofuran
Concen: 260.948 ug/l
RT: 7.268 min Scan# 910
Delta R.T. 0.006 min
Lab File: VY023863.D
Acq: 02 Dec 2025 17:20

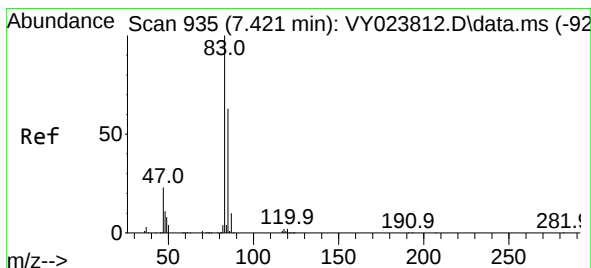
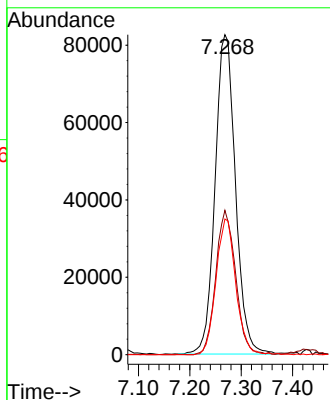
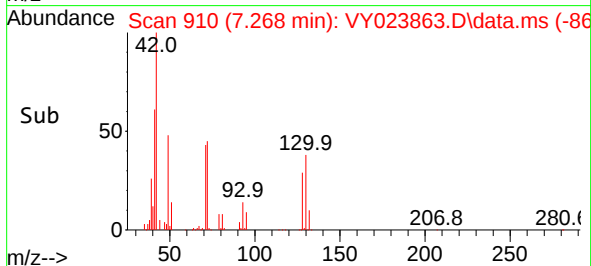
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



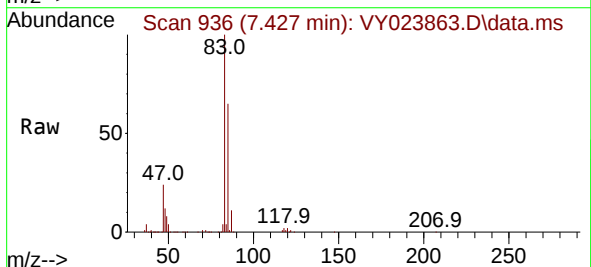
Tgt Ion: 42 Resp: 227660
Ion Ratio Lower Upper
42 100
72 44.0 35.9 53.9
71 41.4 33.3 49.9

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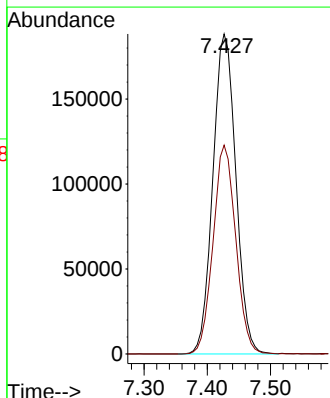
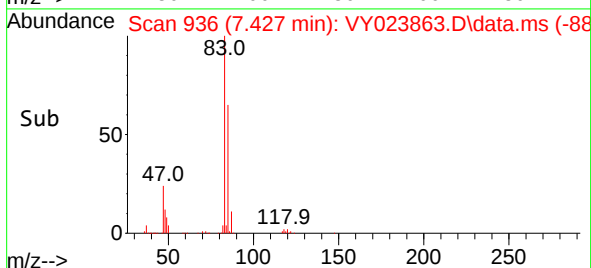
Reviewed By :Semsettin Yesilyurt 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025

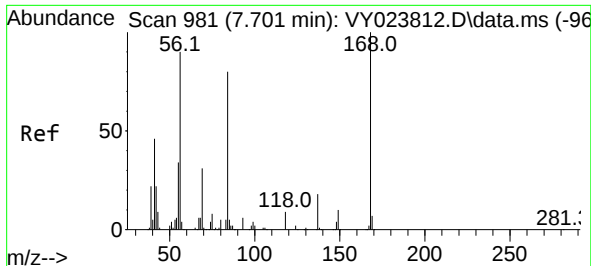


#30
Chloroform
Concen: 52.934 ug/l
RT: 7.427 min Scan# 936
Delta R.T. 0.006 min
Lab File: VY023863.D
Acq: 02 Dec 2025 17:20



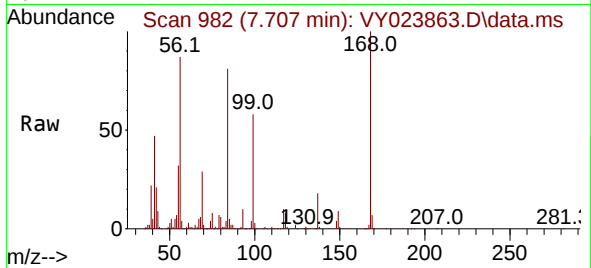
Tgt Ion: 83 Resp: 474404
Ion Ratio Lower Upper
83 100
85 65.3 50.6 76.0





#31
Cyclohexane
Concen: 46.703 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023863.D
Acq: 02 Dec 2025 17:20

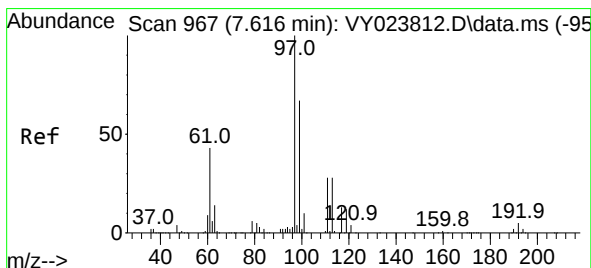
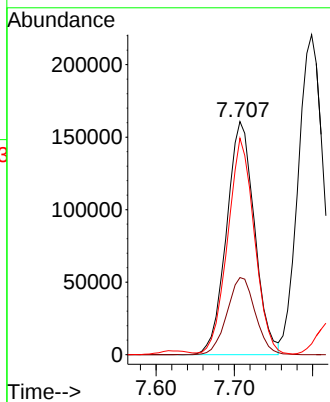
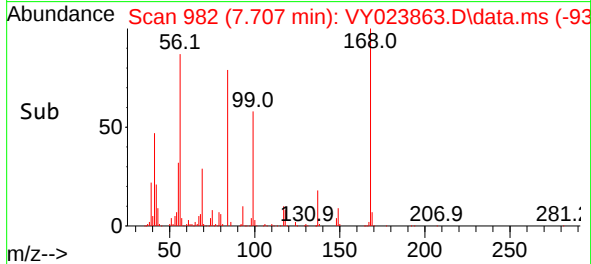
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



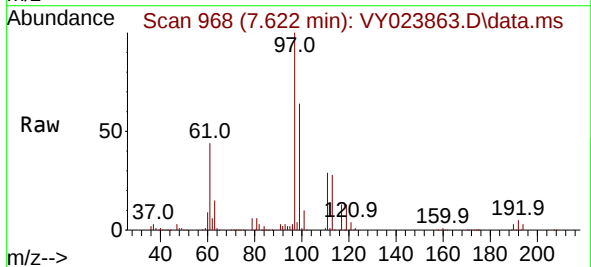
Tgt Ion: 56 Resp: 399448
Ion Ratio Lower Upper
56 100
69 33.0 27.8 41.6
84 91.3 71.8 107.8

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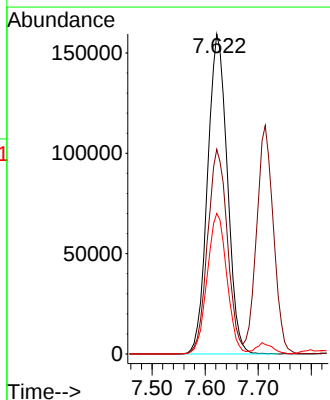
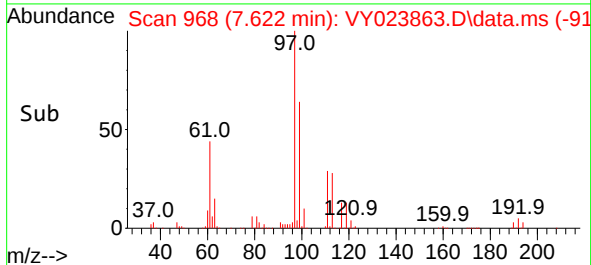
Reviewed By :Semsettin Yesilyurt 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025

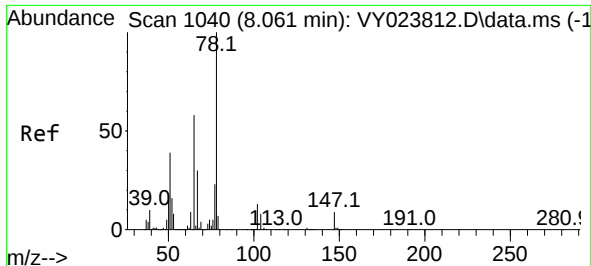


#32
1,1,1-Trichloroethane
Concen: 51.807 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY023863.D
Acq: 02 Dec 2025 17:20



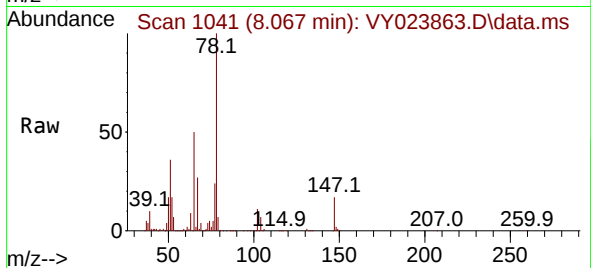
Tgt Ion: 97 Resp: 412138
Ion Ratio Lower Upper
97 100
99 64.3 51.8 77.6
61 43.8 34.5 51.7





#33
1,2-Dichloroethane-d4
Concen: 51.295 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY023863.D
Acq: 02 Dec 2025 17:20

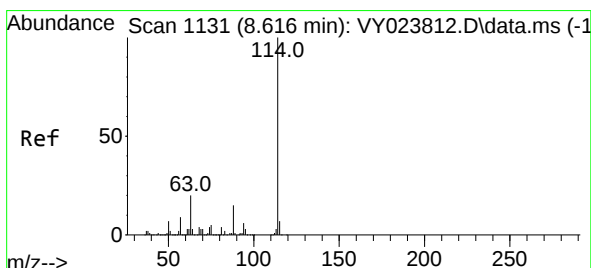
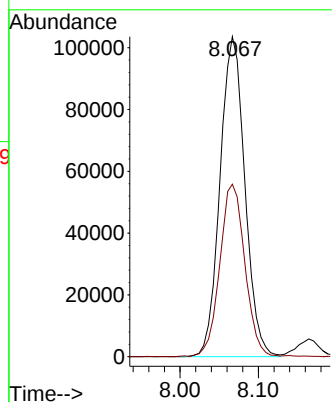
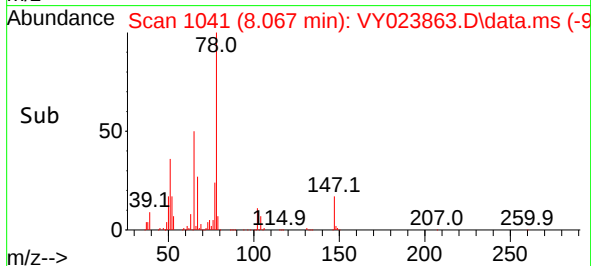
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



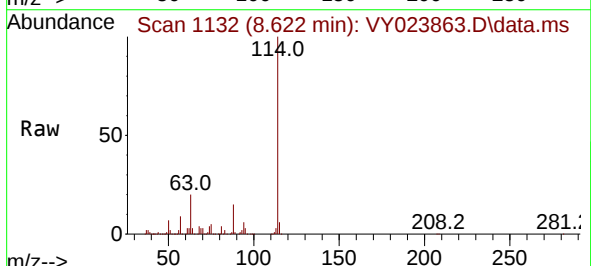
Tgt Ion: 65 Resp: 22820
Ion Ratio Lower Upper
65 100
67 54.4 0.0 107.4

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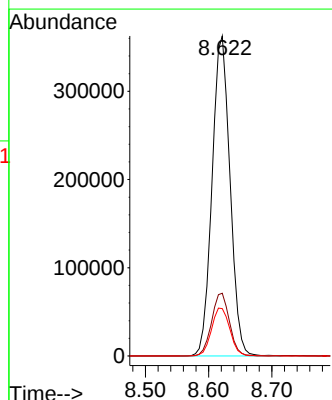
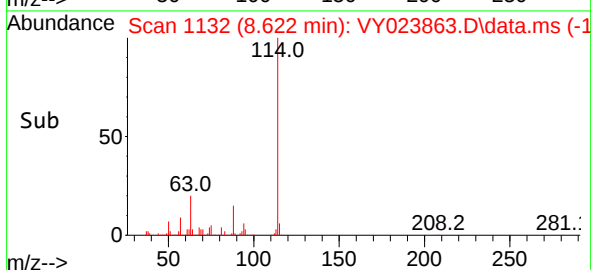
Reviewed By :Semsettin Yesilyurt 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025

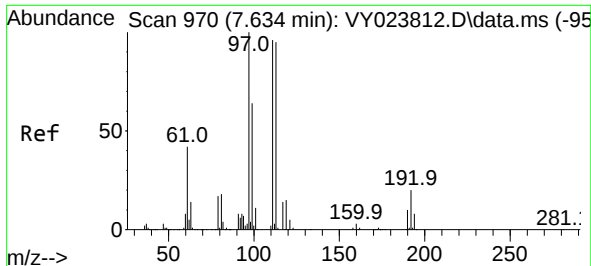


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. 0.006 min
Lab File: VY023863.D
Acq: 02 Dec 2025 17:20



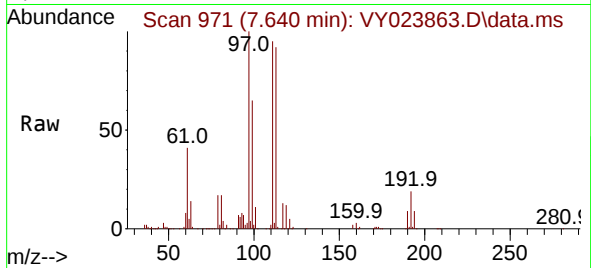
Tgt Ion:114 Resp: 713050
Ion Ratio Lower Upper
114 100
63 19.6 0.0 39.4
88 14.8 0.0 30.8





#35
Dibromofluoromethane
Concen: 51.844 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023863.D
Acq: 02 Dec 2025 17:20

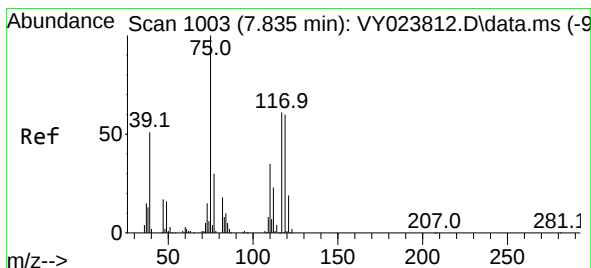
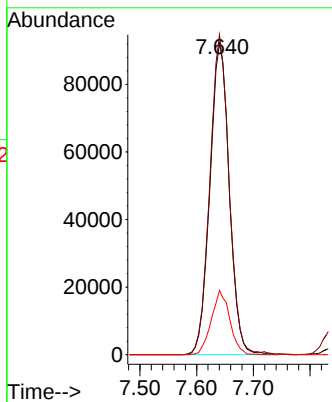
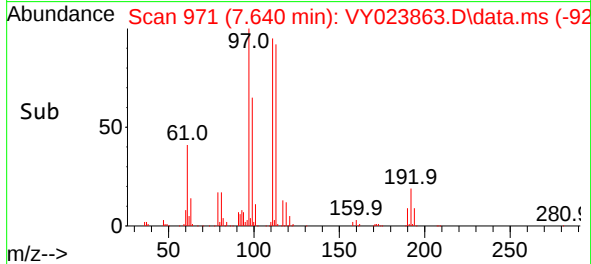
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



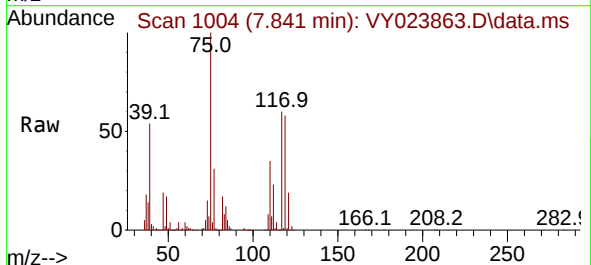
Tgt Ion:113 Resp: 218990
Ion Ratio Lower Upper
113 100
111 102.3 81.4 122.0
192 19.7 15.8 23.8

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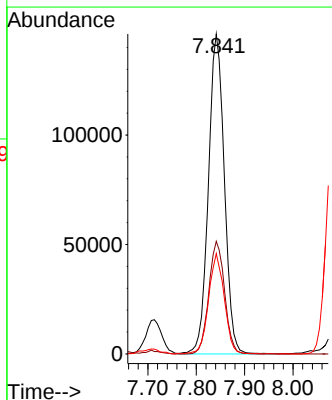
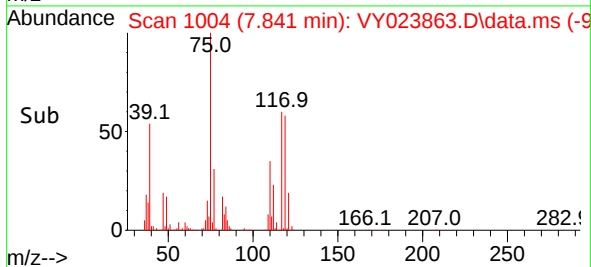
Reviewed By :Semsettin Yesilyurt 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025

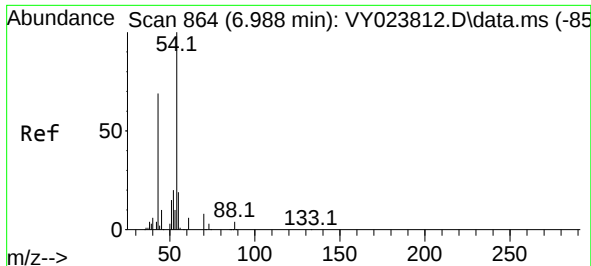


#36
1,1-Dichloropropene
Concen: 51.698 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.006 min
Lab File: VY023863.D
Acq: 02 Dec 2025 17:20



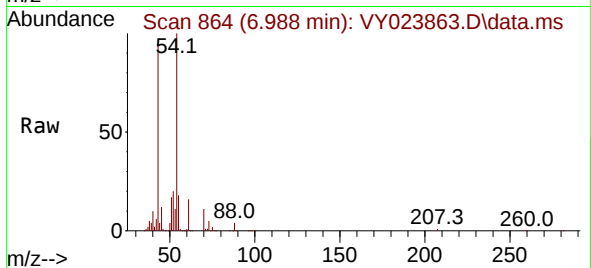
Tgt Ion: 75 Resp: 334822
Ion Ratio Lower Upper
75 100
110 34.9 17.6 52.8
77 30.9 24.9 37.3





#37
Ethyl Acetate
Concen: 53.945 ug/l
RT: 6.988 min Scan# 80
Delta R.T. -0.000 min
Lab File: VY023863.D
Acq: 02 Dec 2025 17:20

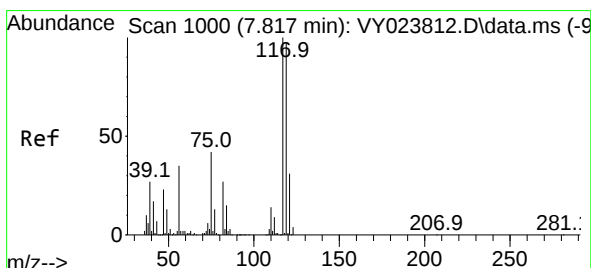
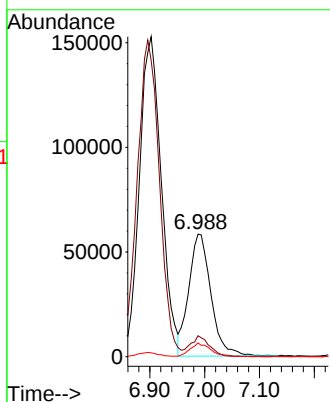
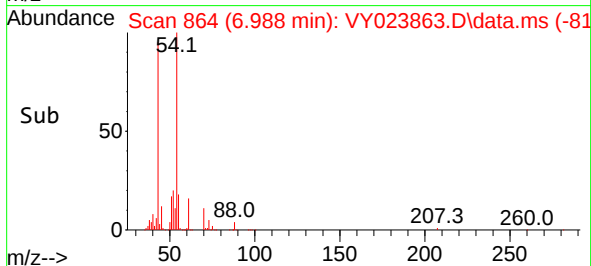
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



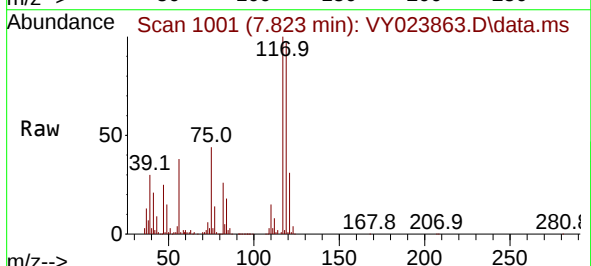
Tgt Ion: 43 Resp: 164334
Ion Ratio Lower Upper
43 100
61 15.3 11.0 16.6
70 10.2 8.1 12.1

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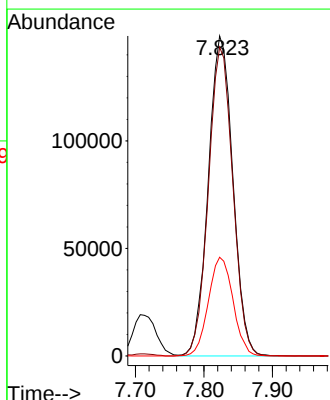
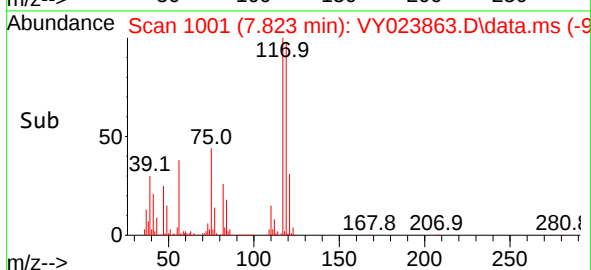
Reviewed By :Semsettin Yesilyurt 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025

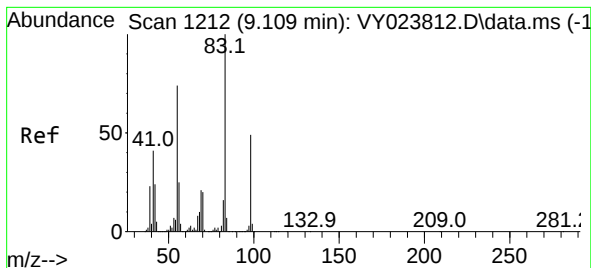


#38
Carbon Tetrachloride
Concen: 52.151 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY023863.D
Acq: 02 Dec 2025 17:20



Tgt Ion:117 Resp: 370738
Ion Ratio Lower Upper
117 100
119 96.4 77.3 115.9
121 30.9 25.0 37.6





#39

Methylcyclohexane

Concen: 49.142 ug/l

RT: 9.115 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023863.D

Acq: 02 Dec 2025 17:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 42033

Ion Ratio Lower Upper

83 100

55 74.4 59.4 89.2

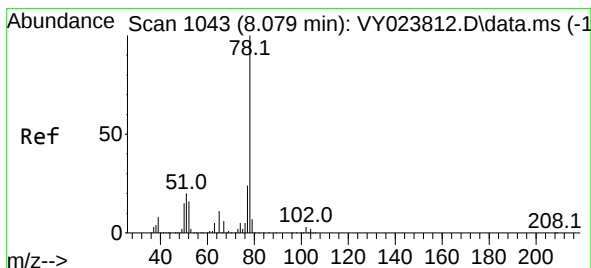
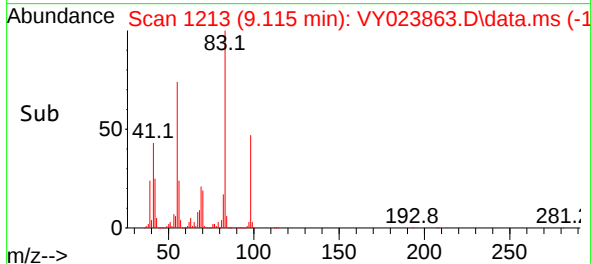
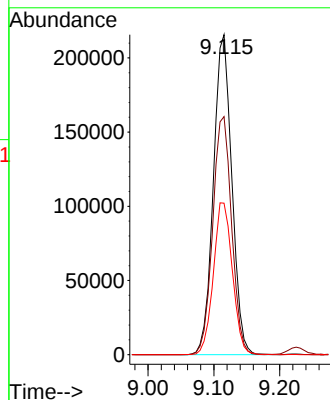
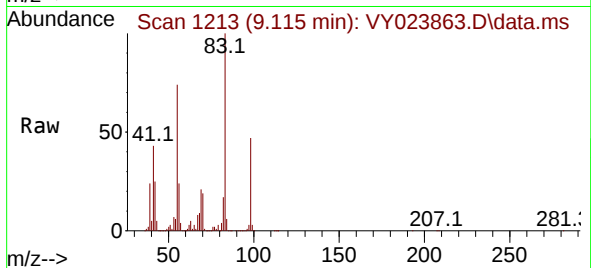
98 47.3 39.5 59.3

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 12/03/2025

Supervised By :Mahesh Dadoda 12/03/2025



#40

Benzene

Concen: 51.730 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. 0.006 min

Lab File: VY023863.D

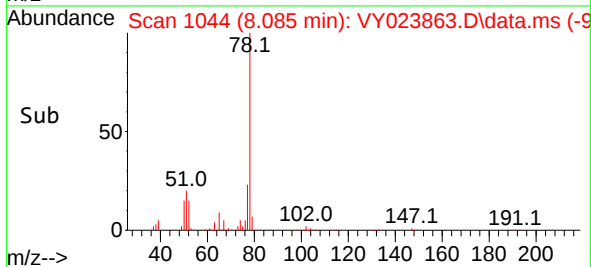
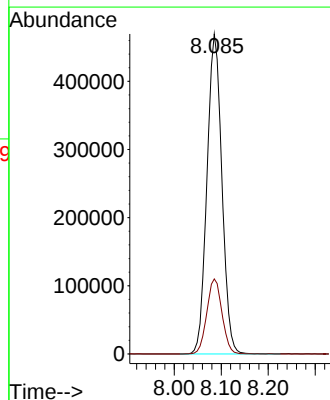
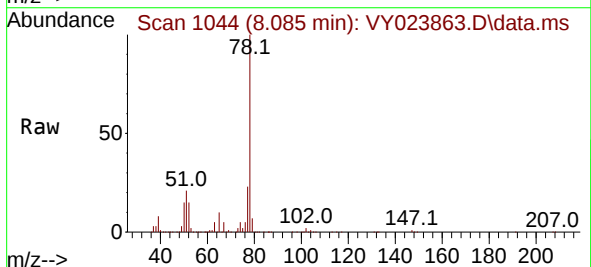
Acq: 02 Dec 2025 17:20

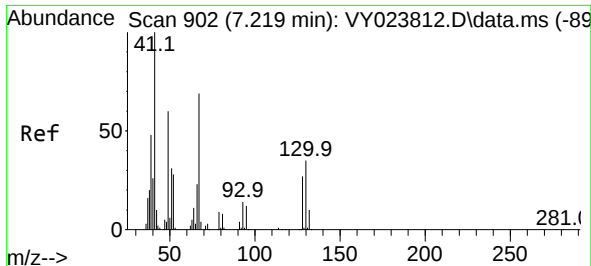
Tgt Ion: 78 Resp: 1030999

Ion Ratio Lower Upper

78 100

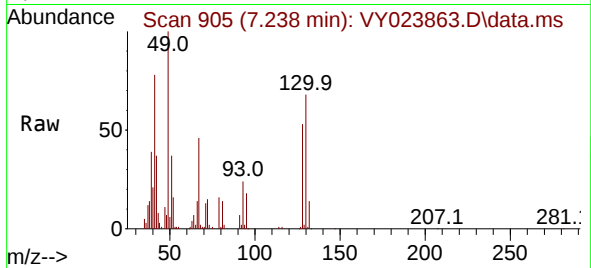
77 23.5 19.3 28.9





#41
Methacrylonitrile
Concen: 61.018 ug/l m
RT: 7.238 min Scan# 902
Delta R.T. 0.018 min
Lab File: VY023863.D
Acq: 02 Dec 2025 17:20

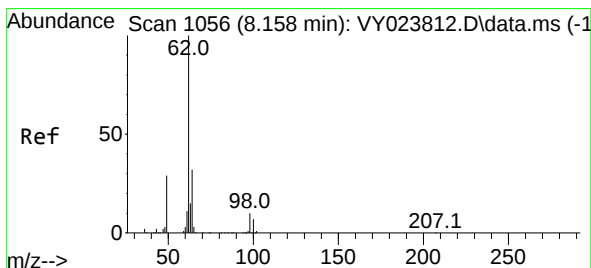
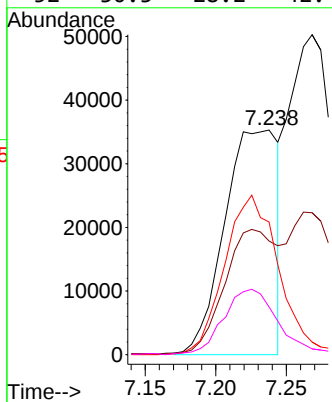
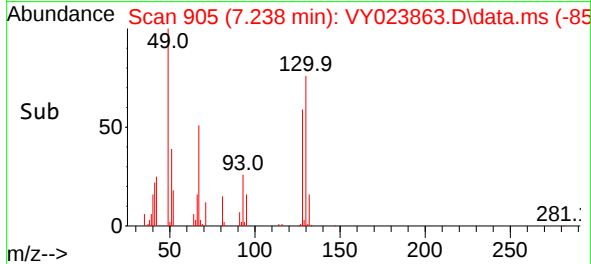
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 92800
Ion Ratio Lower Upper
41 100
39 53.5 40.6 61.0
67 72.7 67.9 101.9
52 30.3 28.2 42.4

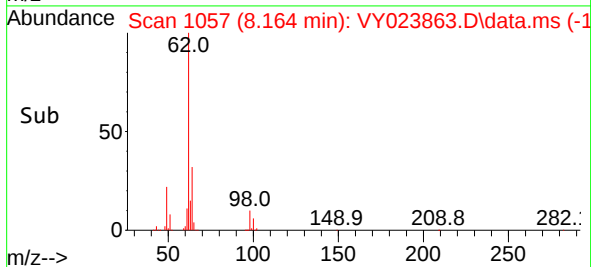
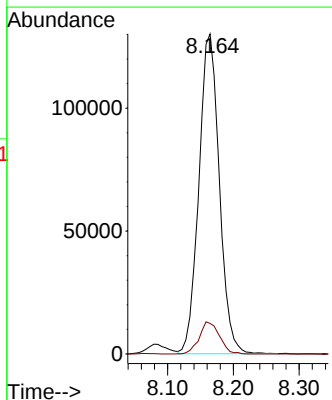
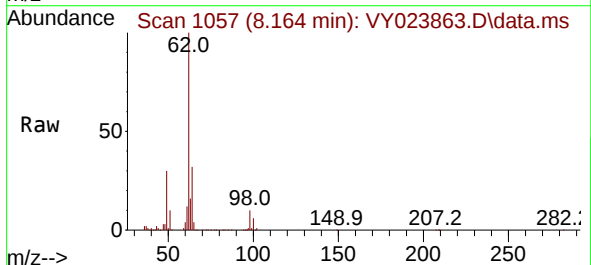
Manual Integrations
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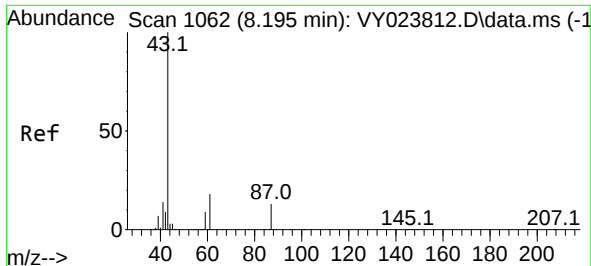
Reviewed By :Semsettin Yesilyurt 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025



#42
1,2-Dichloroethane
Concen: 54.676 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VY023863.D
Acq: 02 Dec 2025 17:20

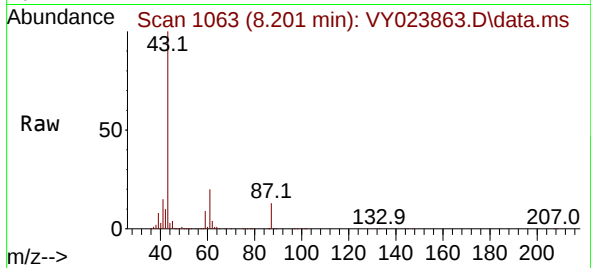
Tgt Ion: 62 Resp: 280936
Ion Ratio Lower Upper
62 100
98 9.9 0.0 19.8





#43
Isopropyl Acetate
Concen: 54.555 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VY023863.D
Acq: 02 Dec 2025 17:20

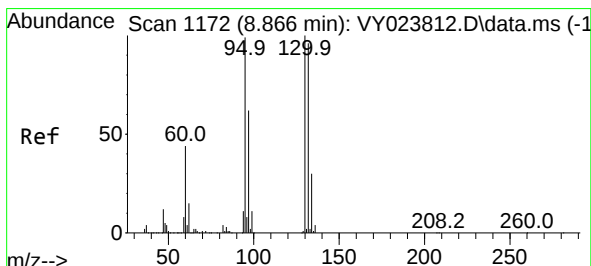
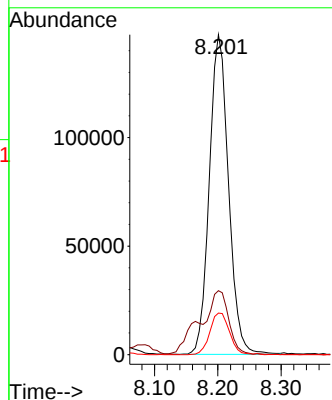
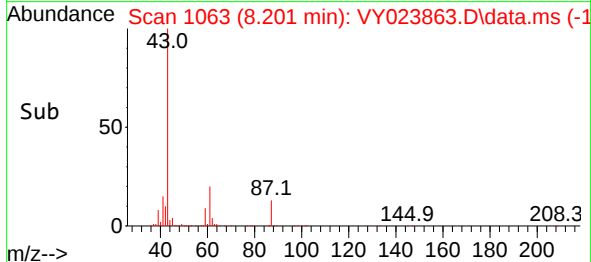
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 31057
Ion Ratio Lower Upper
43 100
61 20.4 24.3 36.5
87 13.3 11.0 16.4

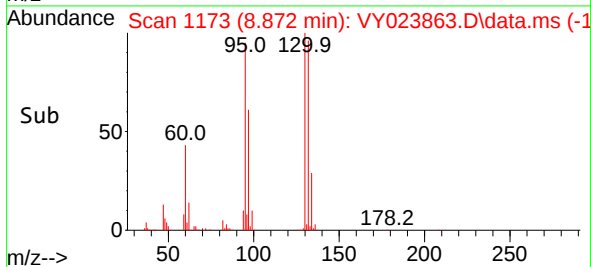
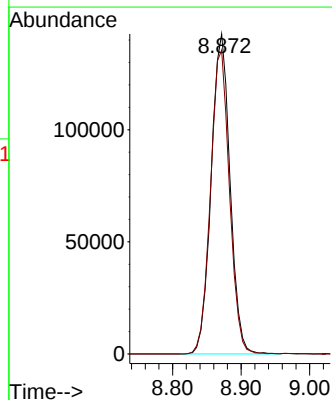
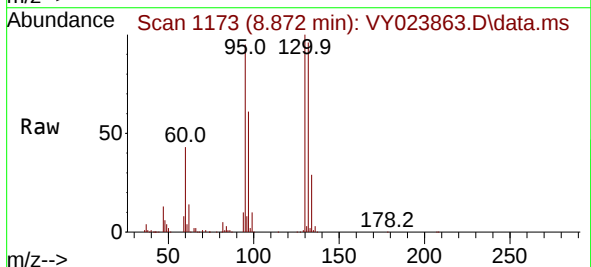
Manual Integrations
APPROVED

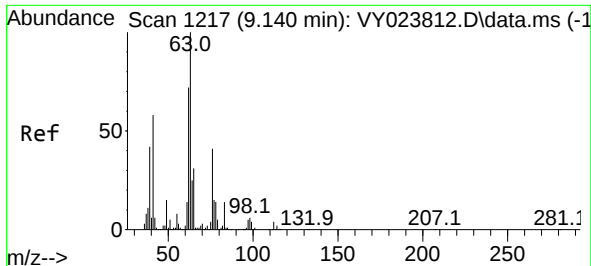
Reviewed By :Semsettin Yesilyurt 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025



#44
Trichloroethene
Concen: 53.349 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. 0.006 min
Lab File: VY023863.D
Acq: 02 Dec 2025 17:20

Tgt Ion:130 Resp: 272809
Ion Ratio Lower Upper
130 100
95 94.9 0.0 197.8





#45

1,2-Dichloropropane

Concen: 54.467 ug/l

RT: 9.146 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VY023863.D

Acq: 02 Dec 2025 17:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 25594

Ion Ratio Lower Upper

63 100

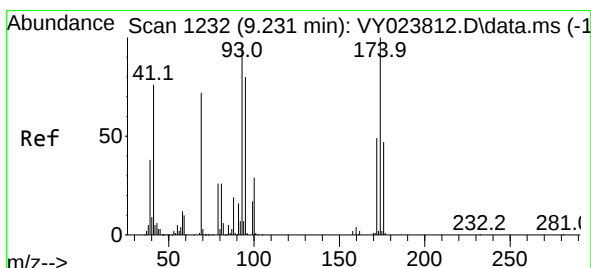
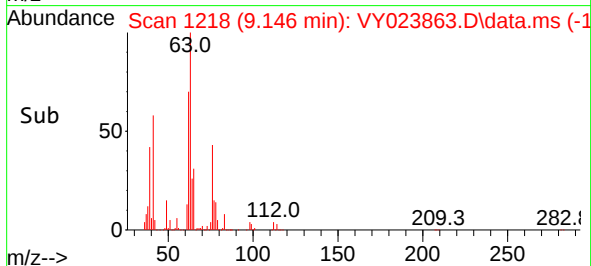
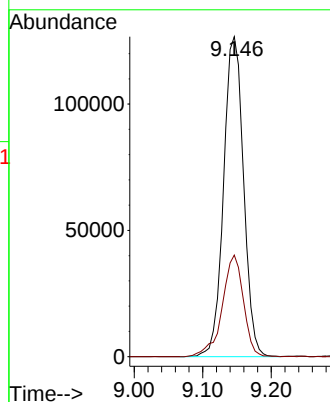
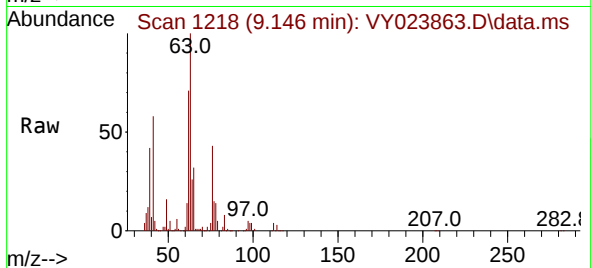
65 31.7 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/03/2025

Supervised By :Mahesh Dadoda 12/03/2025



#46

Dibromomethane

Concen: 53.759 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. 0.006 min

Lab File: VY023863.D

Acq: 02 Dec 2025 17:20

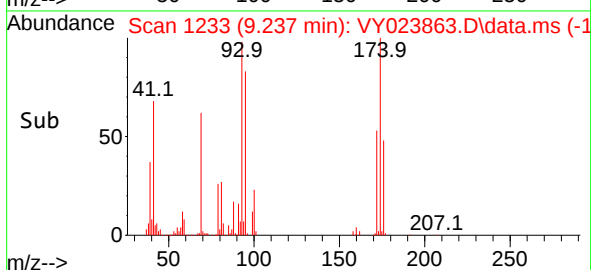
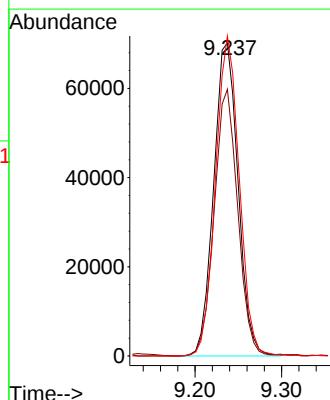
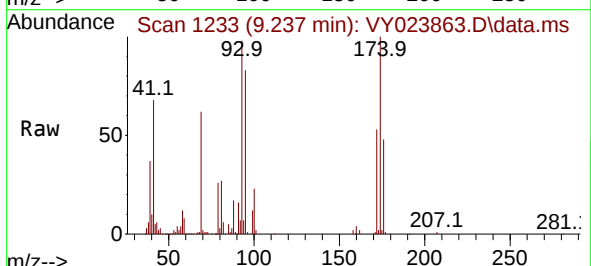
Tgt Ion: 93 Resp: 137078

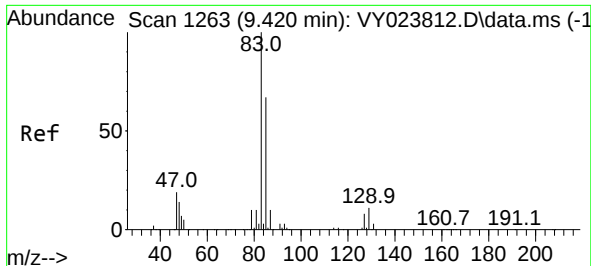
Ion Ratio Lower Upper

93 100

95 82.3 66.6 99.8

174 99.6 80.6 121.0





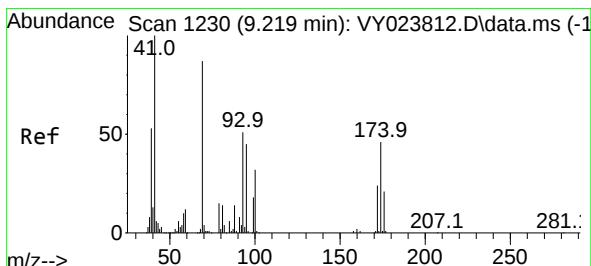
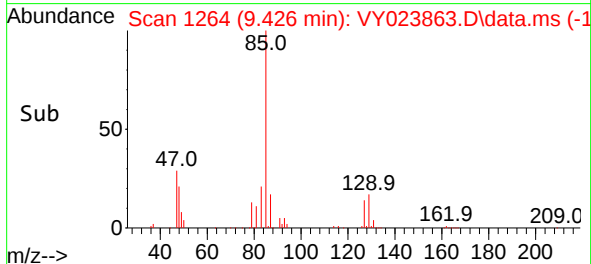
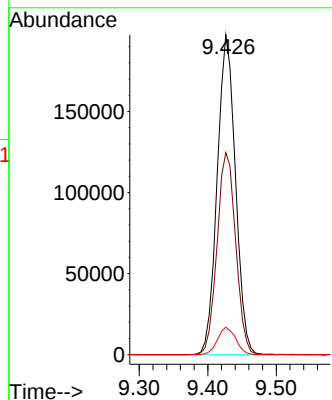
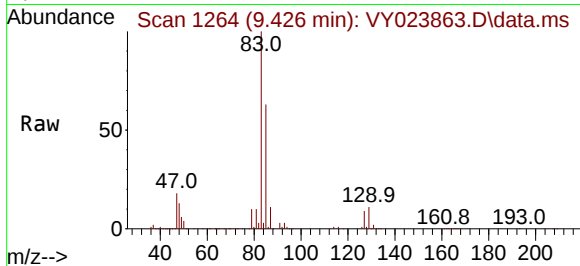
#47
Bromodichloromethane
Concen: 54.741 ug/l
RT: 9.426 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VY023863.D
Acq: 02 Dec 2025 17:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 364780
Ion Ratio Lower Upper
83 100
85 63.1 53.7 80.5
127 8.6 6.6 10.0

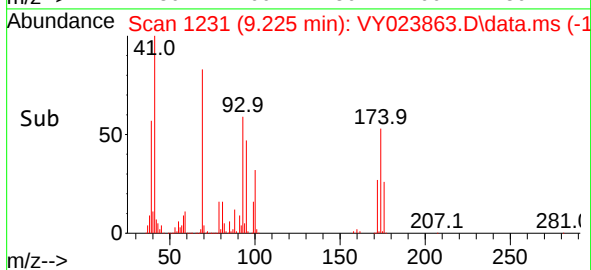
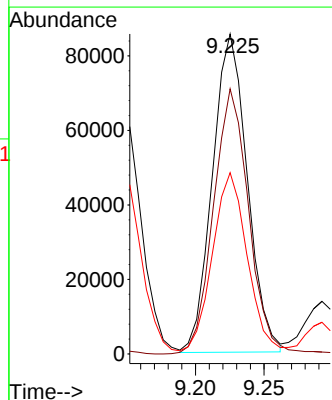
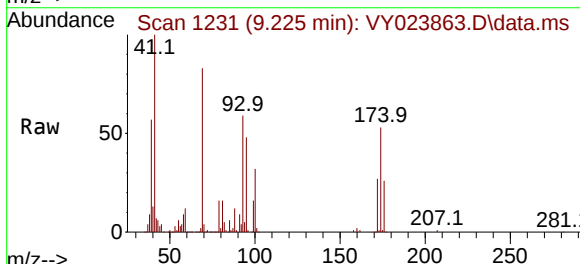
Manual Integrations
APPROVED

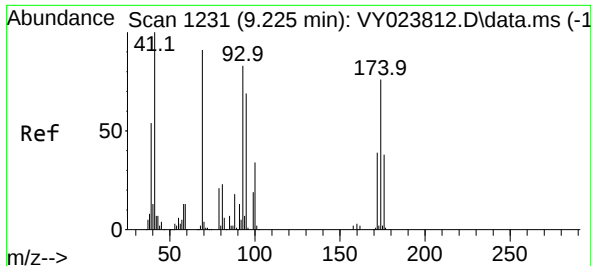
Reviewed By :Semsettin Yesilyurt 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025



#48
Methyl methacrylate
Concen: 56.429 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY023863.D
Acq: 02 Dec 2025 17:20

Tgt Ion: 41 Resp: 151250
Ion Ratio Lower Upper
41 100
69 84.6 69.1 103.7
39 55.0 41.2 61.8





#49

1,4-Dioxane

Concen: 1027.375 ug/l

RT: 9.231 min Scan# 1231

Delta R.T. 0.006 min

Lab File: VY023863.D

Acq: 02 Dec 2025 17:20

Instrument :

MSVOA_Y

ClientSampleId :

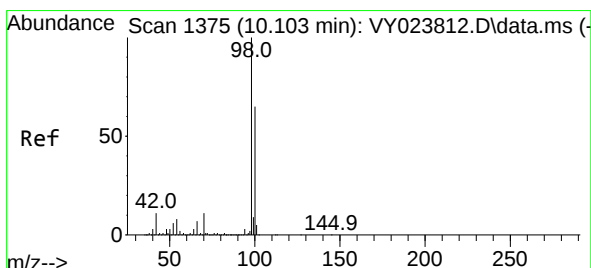
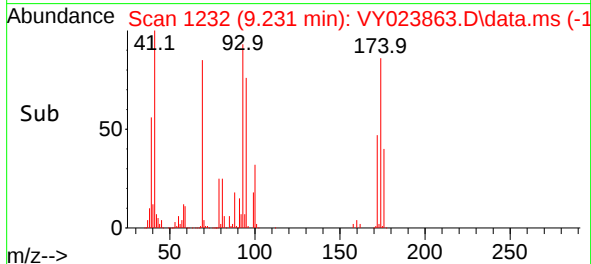
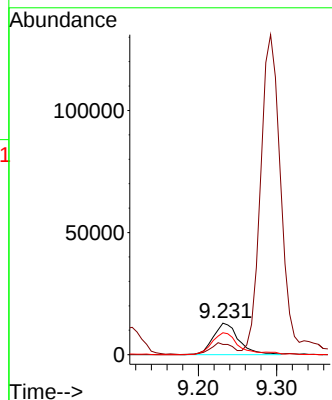
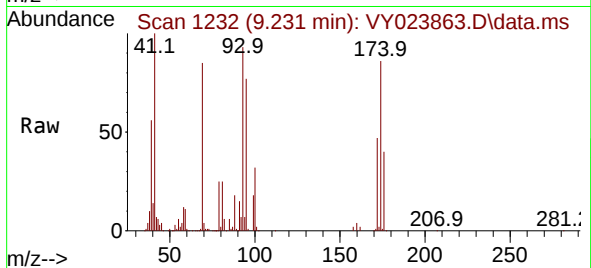
VSTDCCC050EC

Tgt Ion: 88	Resp: 2935
Ion Ratio	Lower Upper
88 100	
43 32.9	24.6 37.0
58 69.5	53.4 80.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025



#50

Toluene-d8

Concen: 51.376 ug/l

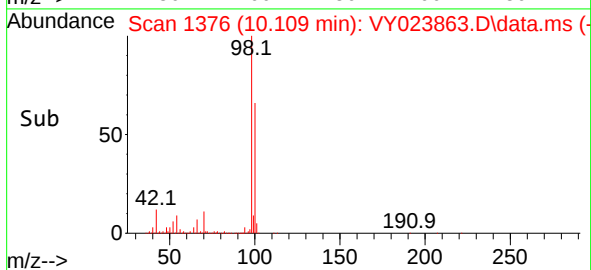
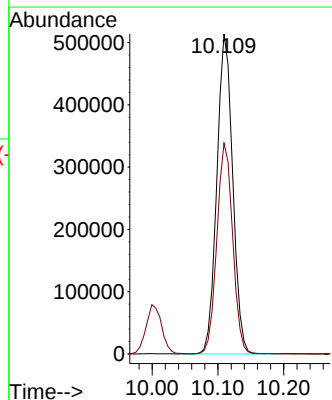
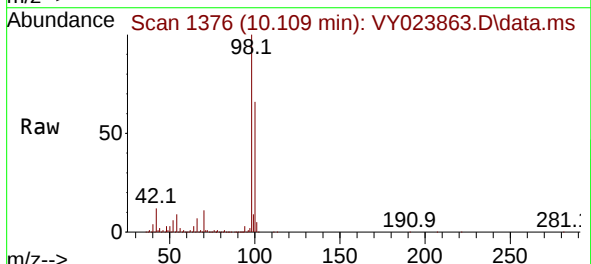
RT: 10.109 min Scan# 1376

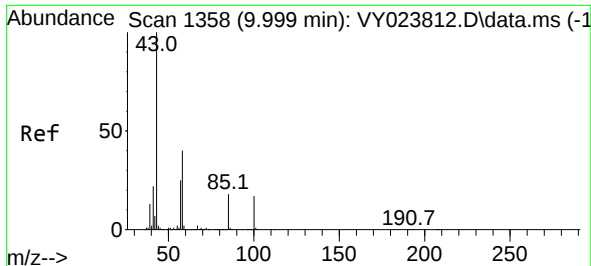
Delta R.T. 0.006 min

Lab File: VY023863.D

Acq: 02 Dec 2025 17:20

Tgt Ion: 98	Resp: 861973
Ion Ratio	Lower Upper
98 100	
100 65.8	51.9 77.9





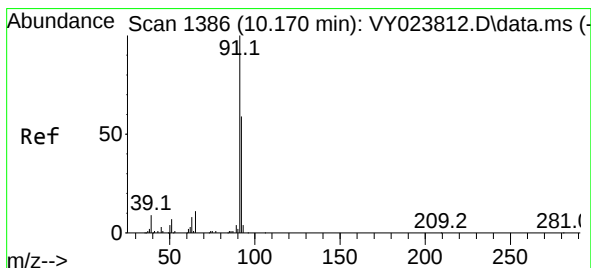
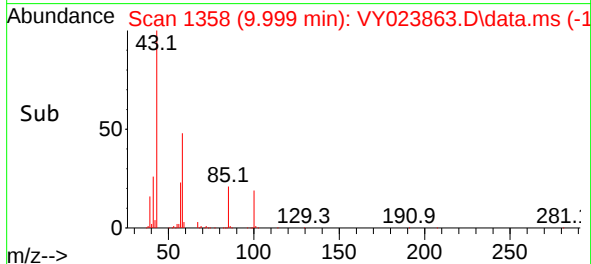
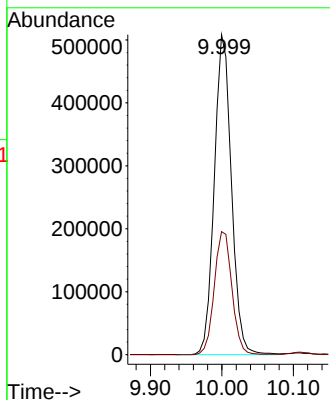
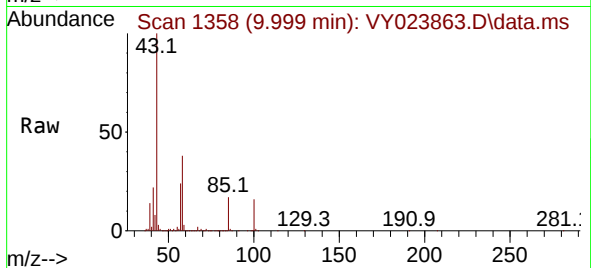
#51
4-Methyl-2-Pentanone
Concen: 282.414 ug/l
RT: 9.999 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY023863.D
Acq: 02 Dec 2025 17:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 846370
Ion Ratio Lower Upper
43 100
58 39.7 32.4 48.6

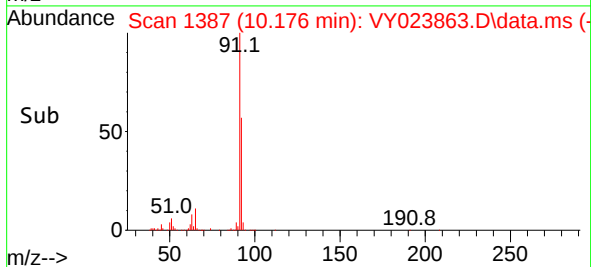
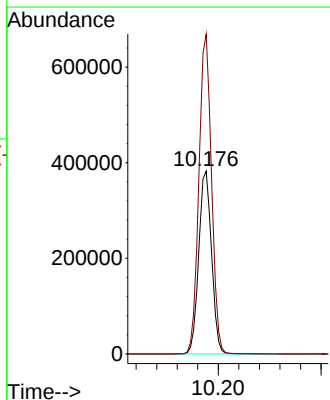
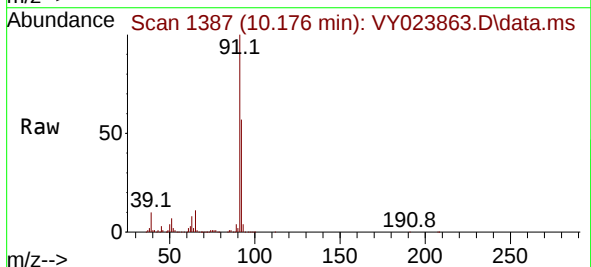
Manual Integrations
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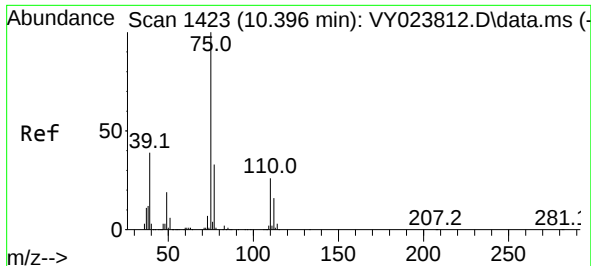
Reviewed By :Semsettin Yesilyurt 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025



#52
Toluene
Concen: 53.393 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. 0.006 min
Lab File: VY023863.D
Acq: 02 Dec 2025 17:20

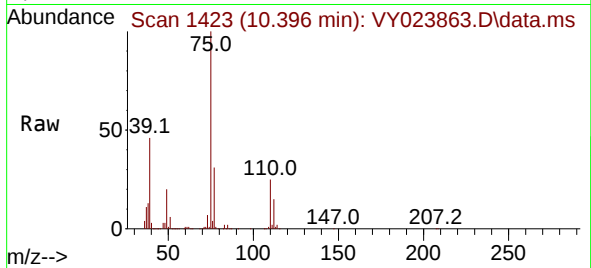
Tgt Ion: 92 Resp: 659698
Ion Ratio Lower Upper
92 100
91 173.0 136.8 205.2





#53
t-1,3-Dichloropropene
Concen: 54.424 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. -0.000 min
Lab File: VY023863.D
Acq: 02 Dec 2025 17:20

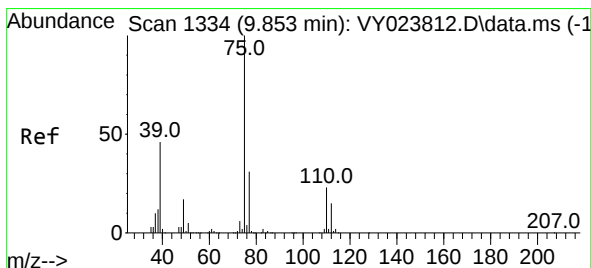
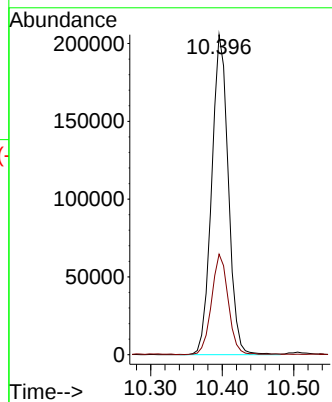
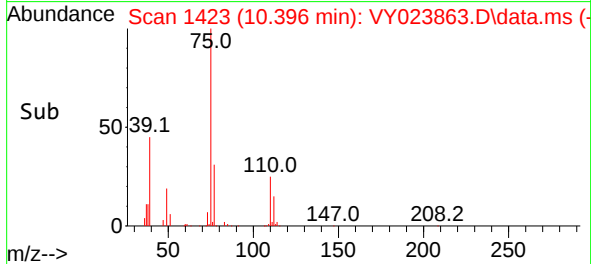
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 332217
Ion Ratio Lower Upper
75 100
77 31.3 26.2 39.2

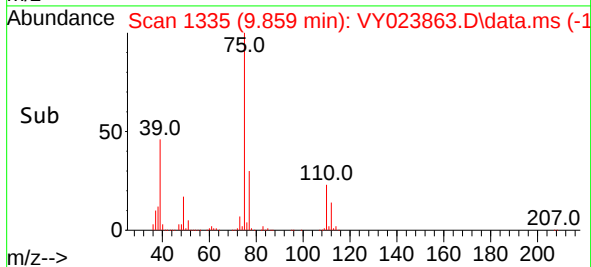
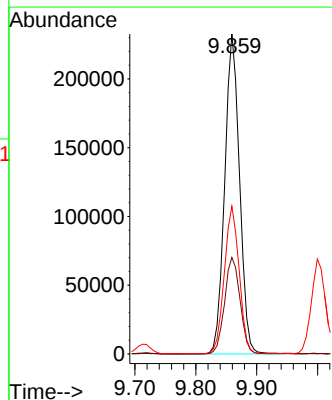
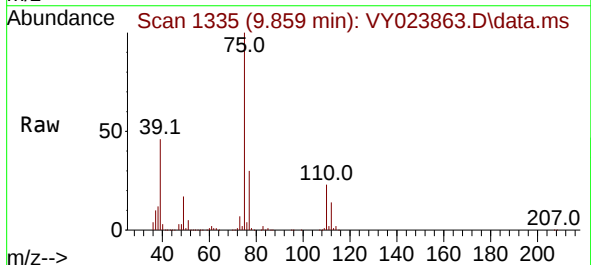
Manual Integrations
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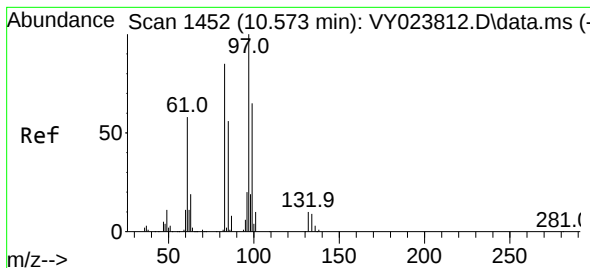
Reviewed By :Semsettin Yesilyurt 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025



#54
cis-1,3-Dichloropropene
Concen: 53.778 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.006 min
Lab File: VY023863.D
Acq: 02 Dec 2025 17:20

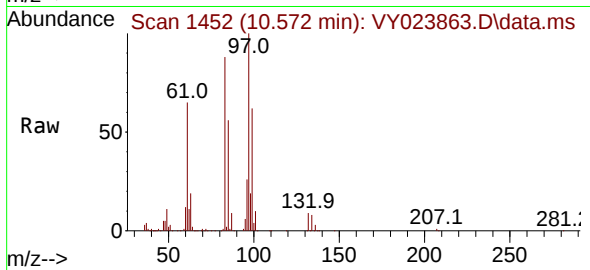
Tgt Ion: 75 Resp: 392948
Ion Ratio Lower Upper
75 100
77 30.2 24.8 37.2
39 46.0 36.6 55.0





#55
1,1,2-Trichloroethane
Concen: 54.699 ug/l
RT: 10.572 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VY023863.D
Acq: 02 Dec 2025 17:20

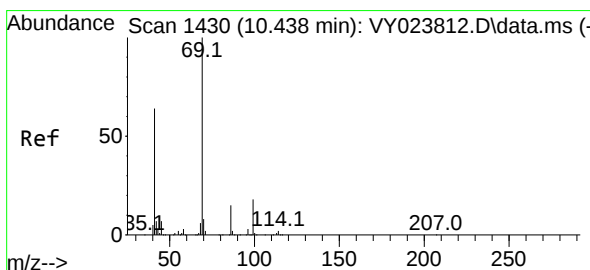
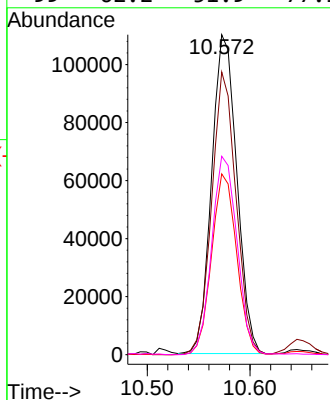
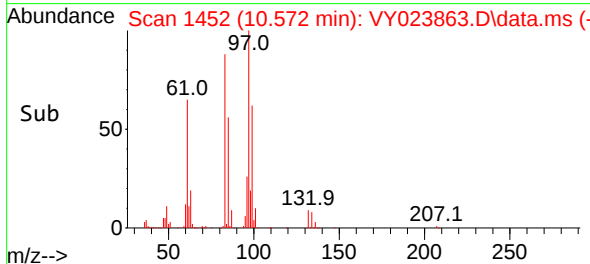
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



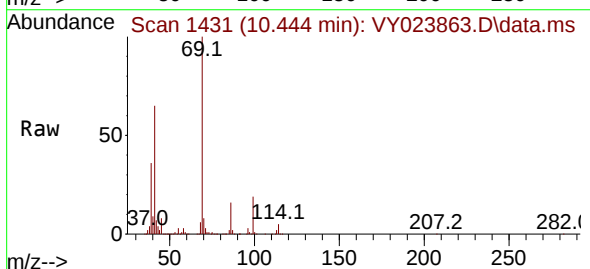
Tgt Ion: 97 Resp: 18683
Ion Ratio Lower Upper
97 100
83 88.6 68.1 102.1
85 56.6 45.0 67.4
99 62.2 51.9 77.9

Manual Integrations
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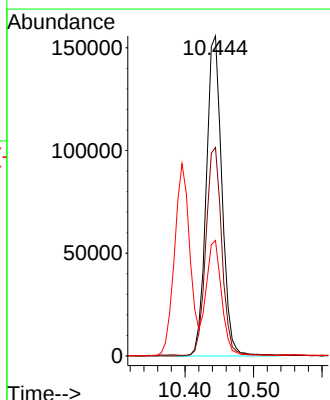
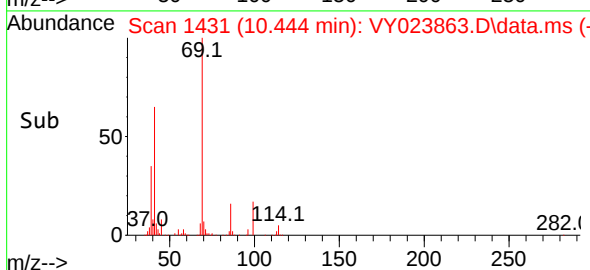
Reviewed By :Semsettin Yesilyurt 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025

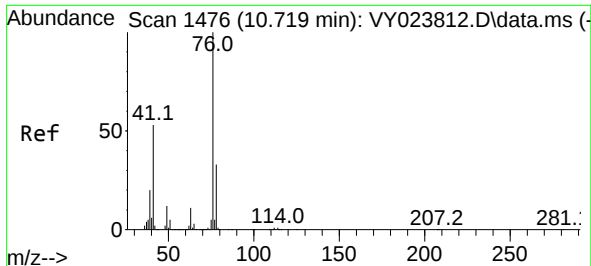


#56
Ethyl methacrylate
Concen: 55.201 ug/l
RT: 10.444 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VY023863.D
Acq: 02 Dec 2025 17:20



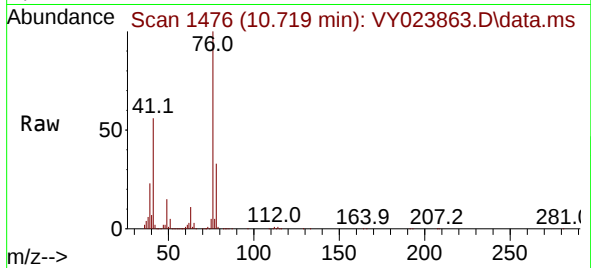
Tgt Ion: 69 Resp: 247574
Ion Ratio Lower Upper
69 100
41 65.7 50.9 76.3
39 35.3 26.6 40.0





#57
1,3-Dichloropropane
Concen: 54.609 ug/l
RT: 10.719 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VY023863.D
Acq: 02 Dec 2025 17:20

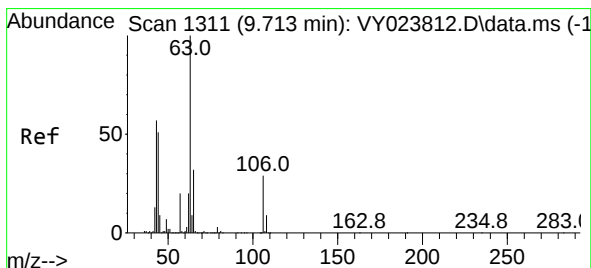
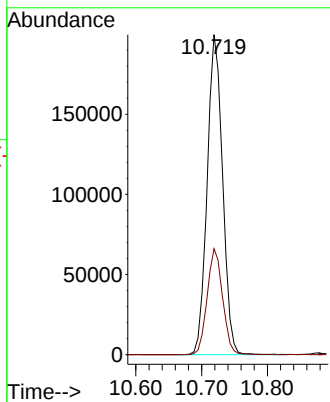
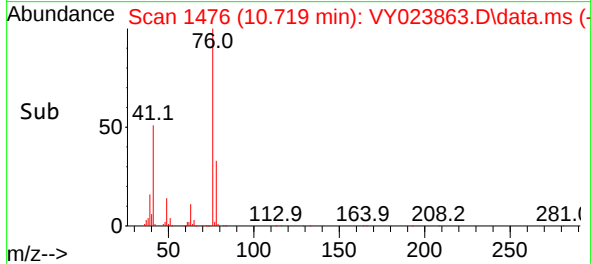
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



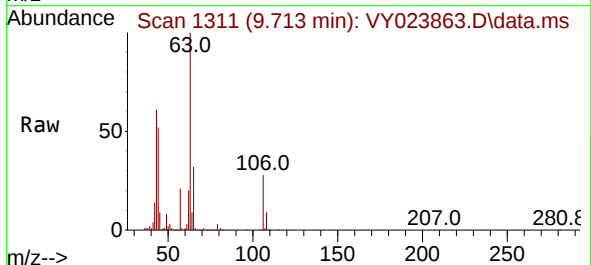
Tgt Ion: 76 Resp: 325380
Ion Ratio Lower Upper
76 100
78 33.1 26.0 39.0

Manual Integrations
APPROVED

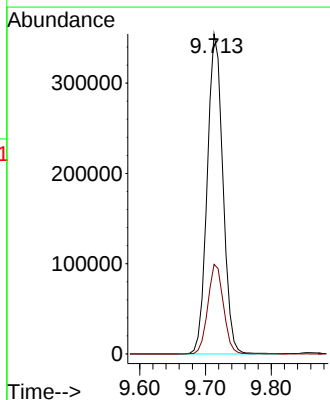
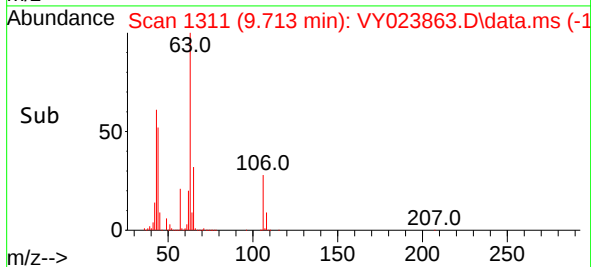
Reviewed By :Semsettin Yesilyurt 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025

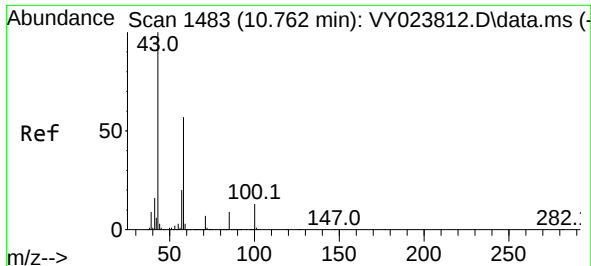


#58
2-Chloroethyl Vinyl ether
Concen: 272.679 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. -0.000 min
Lab File: VY023863.D
Acq: 02 Dec 2025 17:20



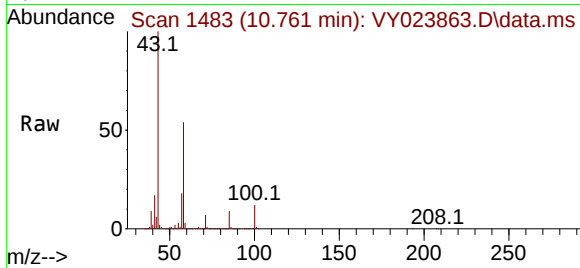
Tgt Ion: 63 Resp: 587499
Ion Ratio Lower Upper
63 100
106 27.9 22.2 33.2





#59
2-Hexanone
Concen: 284.572 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY023863.D
Acq: 02 Dec 2025 17:20

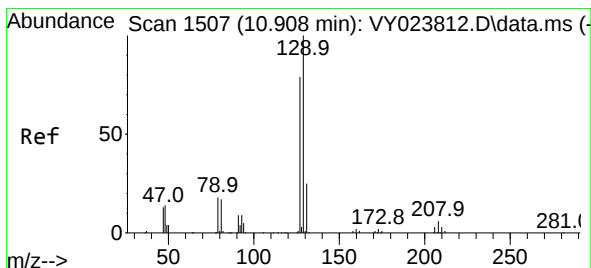
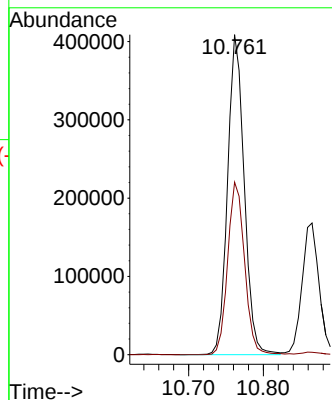
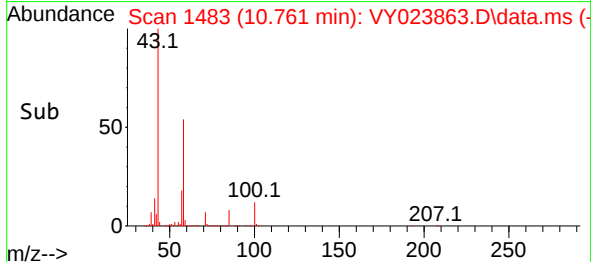
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



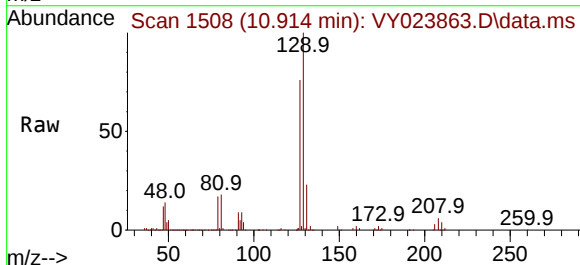
Tgt Ion: 43 Resp: 630654
Ion Ratio Lower Upper
43 100
58 55.0 28.3 85.0

Manual Integrations
APPROVED

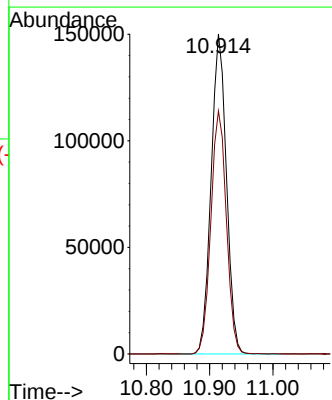
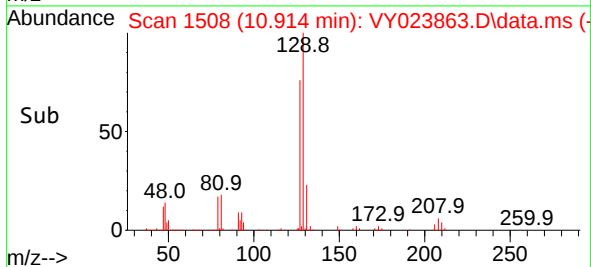
Reviewed By :Semsettin Yesilyurt 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025

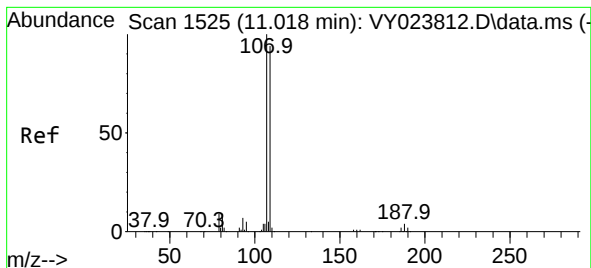


#60
Dibromochloromethane
Concen: 55.099 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY023863.D
Acq: 02 Dec 2025 17:20



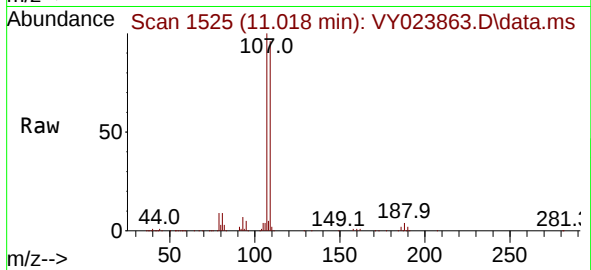
Tgt Ion:129 Resp: 252546
Ion Ratio Lower Upper
129 100
127 77.0 38.9 116.6





#61
1,2-Dibromoethane
Concen: 53.948 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. -0.000 min
Lab File: VY023863.D
Acq: 02 Dec 2025 17:20

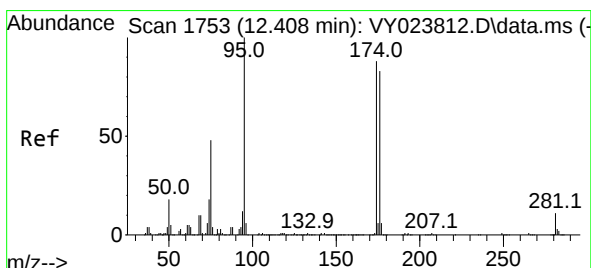
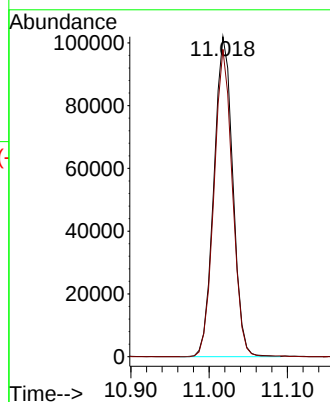
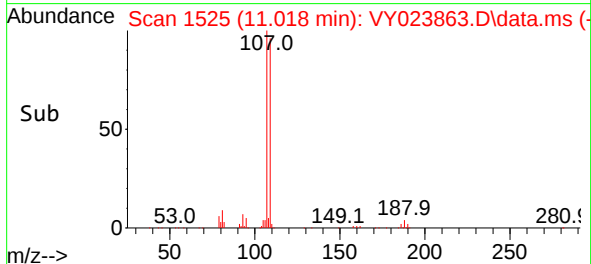
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



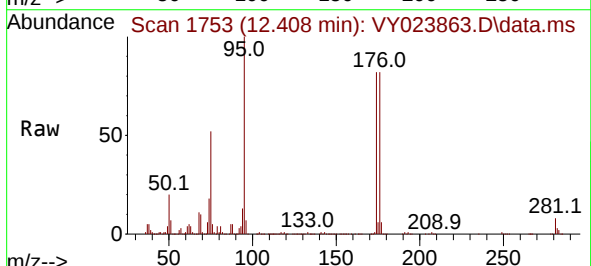
Tgt Ion:107 Resp: 17104
Ion Ratio Lower Upper
107 100
109 93.6 76.7 115.1

Manual Integrations
APPROVED

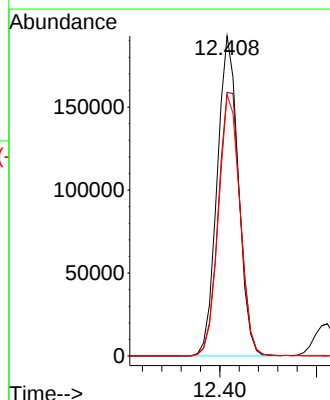
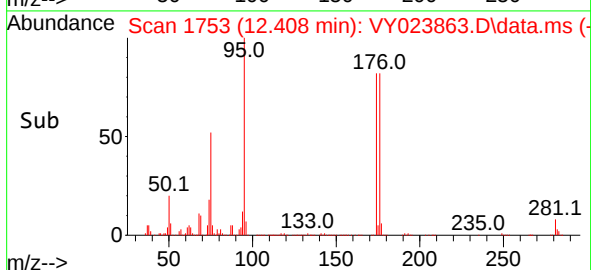
Reviewed By :Semsettin Yesilyurt 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025

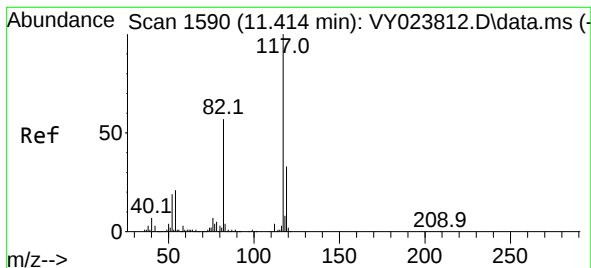


#62
4-Bromofluorobenzene
Concen: 53.008 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY023863.D
Acq: 02 Dec 2025 17:20



Tgt Ion: 95 Resp: 292627
Ion Ratio Lower Upper
95 100
174 85.9 0.0 168.6
176 82.9 0.0 164.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023863.D

Acq: 02 Dec 2025 17:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:117 Resp: 638998

Ion Ratio Lower Upper

117 100

82 55.3 45.4 68.0

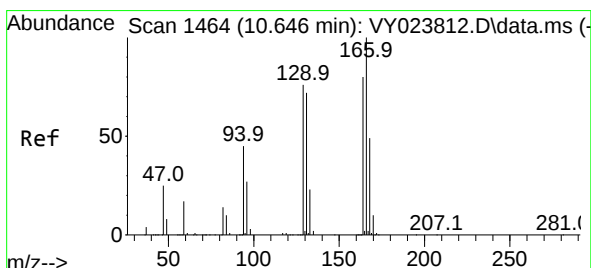
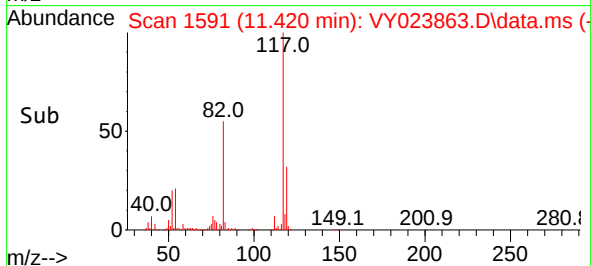
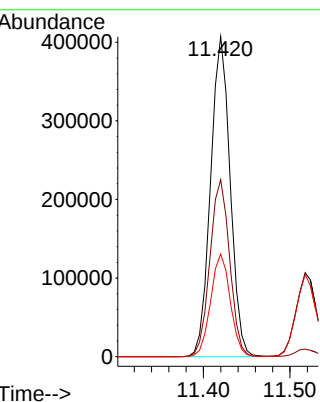
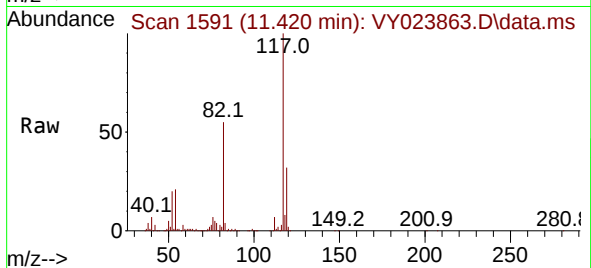
119 32.1 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/03/2025

Supervised By :Mahesh Dadoda 12/03/2025



#64

Tetrachloroethene

Concen: 56.769 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VY023863.D

Acq: 02 Dec 2025 17:20

Tgt Ion:164 Resp: 344125

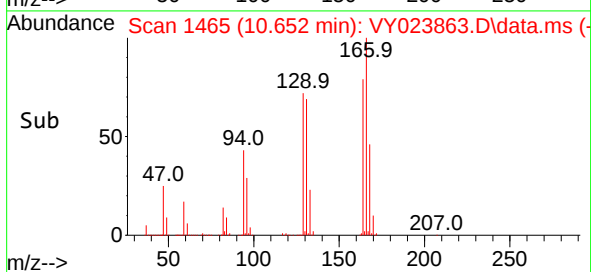
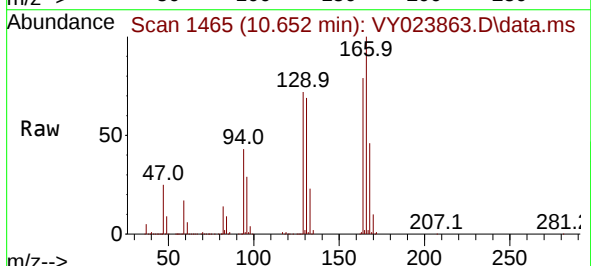
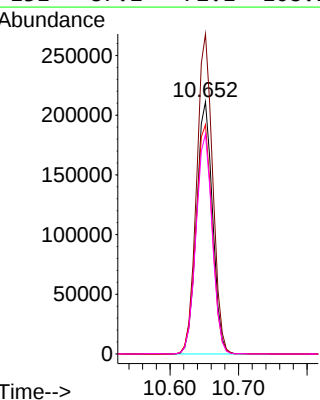
Ion Ratio Lower Upper

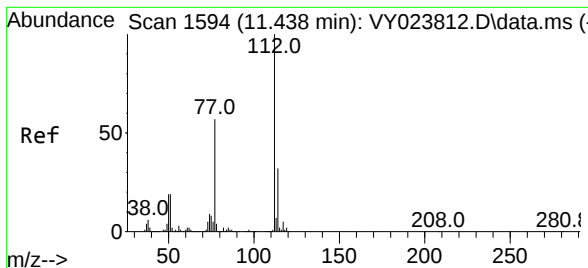
164 100

166 126.9 100.6 150.8

129 90.9 76.0 114.0

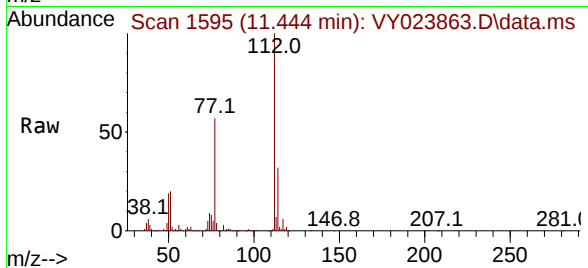
131 87.2 72.1 108.1





#65
Chlorobenzene
Concen: 51.949 ug/l
RT: 11.444 min Scan# 1159
Delta R.T. 0.006 min
Lab File: VY023863.D
Acq: 02 Dec 2025 17:20

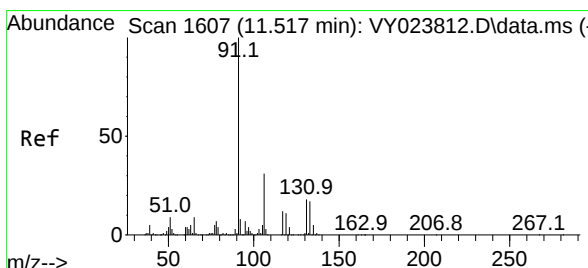
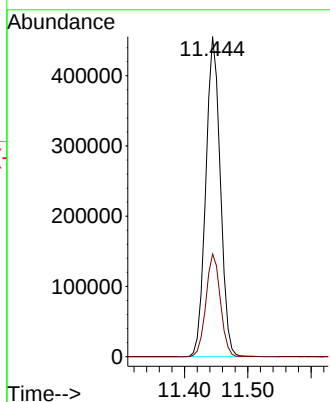
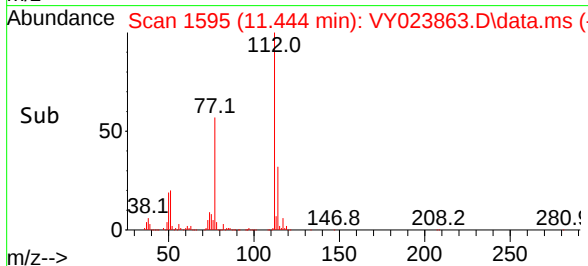
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



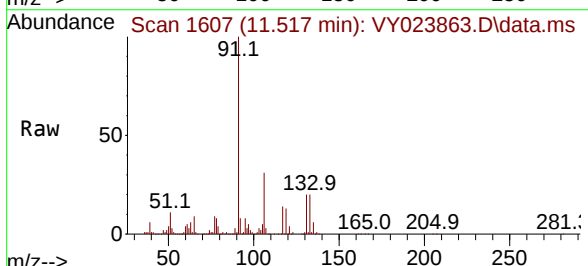
Tgt Ion:112 Resp: 72866
Ion Ratio Lower Upper
112 100
114 32.1 25.5 38.3

Manual Integrations
APPROVED

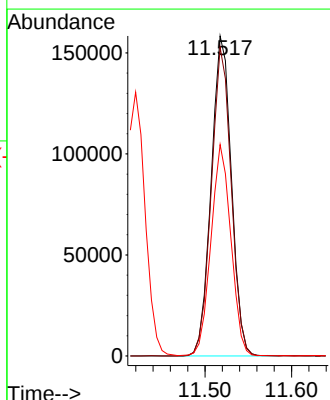
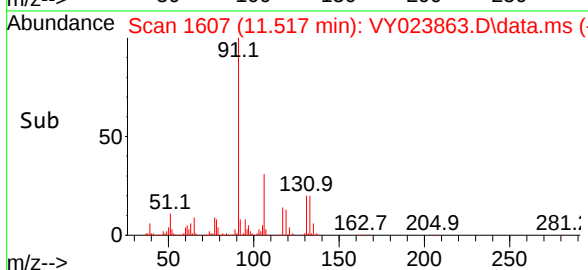
Reviewed By :Semsettin Yesilyurt 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025

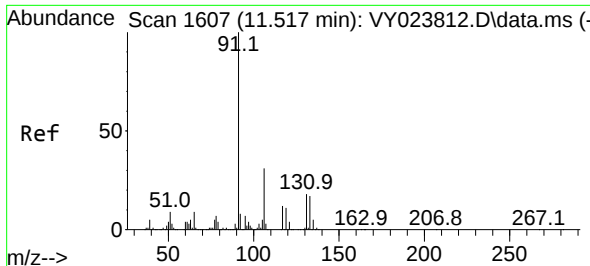


#66
1,1,1,2-Tetrachloroethane
Concen: 53.776 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY023863.D
Acq: 02 Dec 2025 17:20



Tgt Ion:131 Resp: 256243
Ion Ratio Lower Upper
131 100
133 95.1 48.1 144.3
119 65.2 33.0 98.9





#67

Ethyl Benzene

Concen: 53.514 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. 0.006 min

Lab File: VY023863.D

Acq: 02 Dec 2025 17:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 1282100

Ion Ratio Lower Upper

91 100

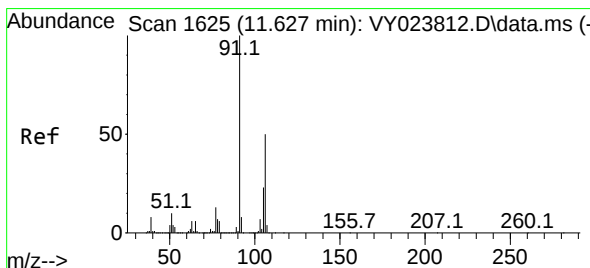
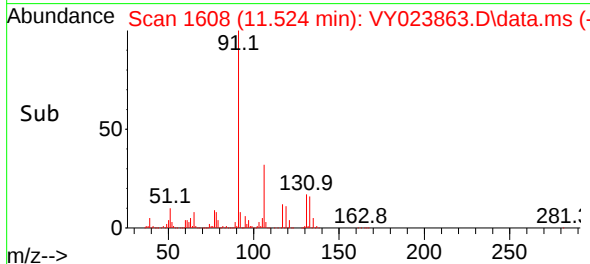
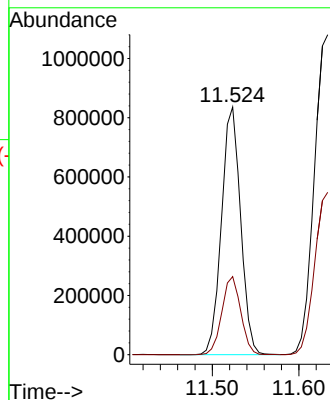
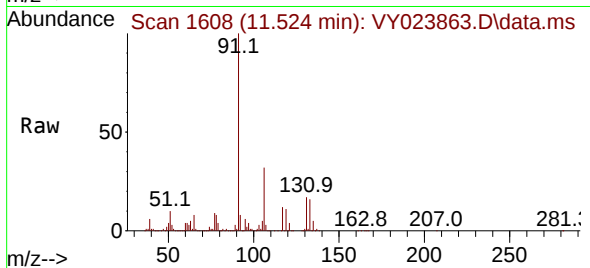
106 31.5 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/03/2025

Supervised By :Mahesh Dadoda 12/03/2025



#68

m/p-Xylenes

Concen: 107.038 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. 0.006 min

Lab File: VY023863.D

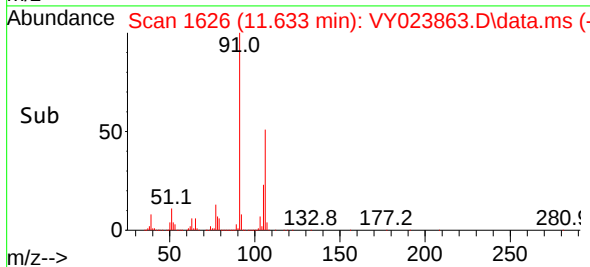
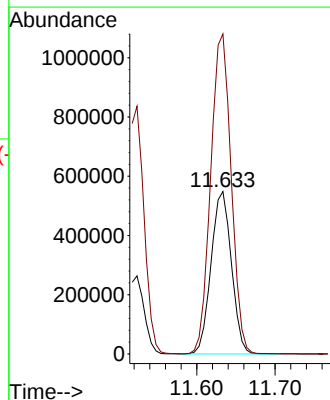
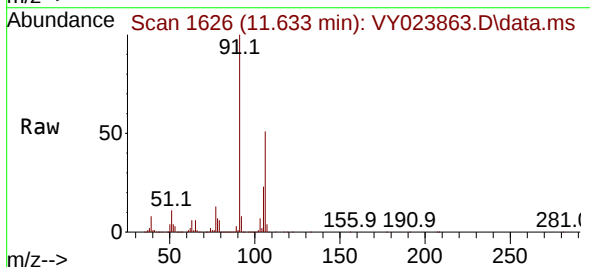
Acq: 02 Dec 2025 17:20

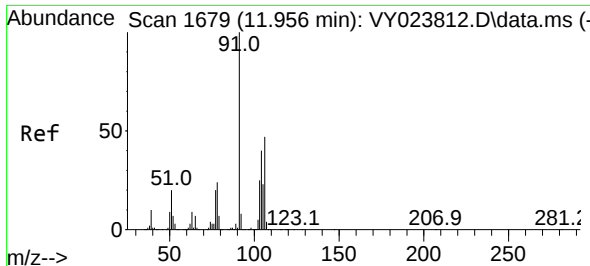
Tgt Ion:106 Resp: 988184

Ion Ratio Lower Upper

106 100

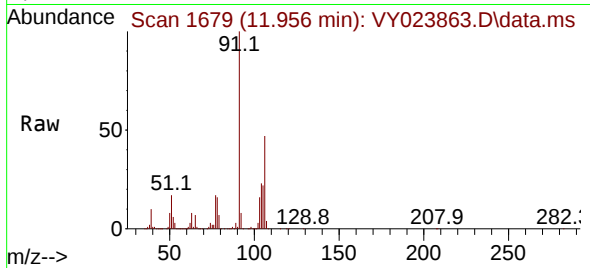
91 198.6 159.5 239.3





#69
o-Xylene
Concen: 53.970 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. -0.000 min
Lab File: VY023863.D
Acq: 02 Dec 2025 17:20

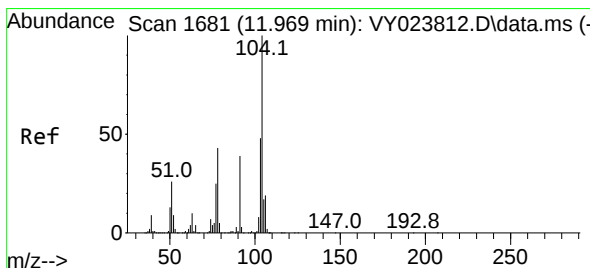
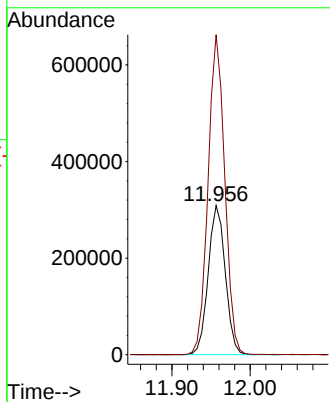
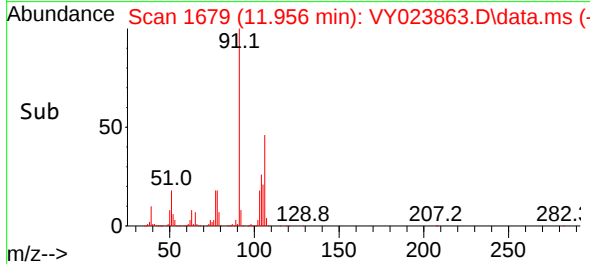
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



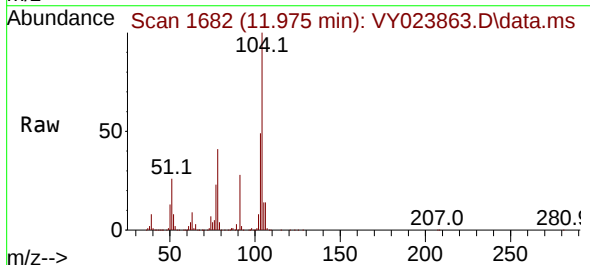
Tgt Ion:106 Resp: 467119
Ion Ratio Lower Upper
106 100
91 209.6 106.5 319.6

Manual Integrations
APPROVED

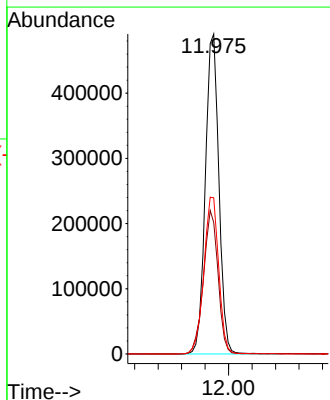
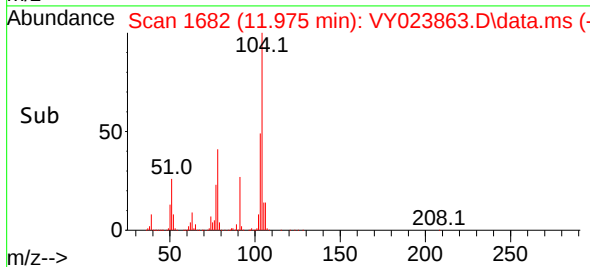
Reviewed By :Semsettin Yesilyurt 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025

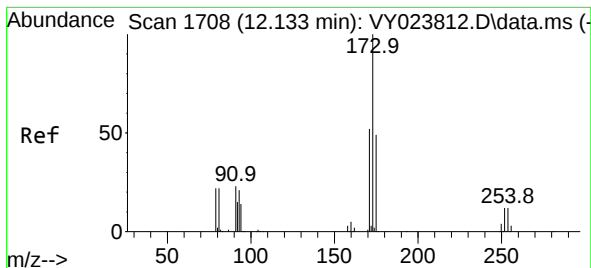


#70
Styrene
Concen: 55.090 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. 0.006 min
Lab File: VY023863.D
Acq: 02 Dec 2025 17:20



Tgt Ion:104 Resp: 785459
Ion Ratio Lower Upper
104 100
78 48.3 38.8 58.2
103 53.9 43.4 65.0





#71

Bromoform

Concen: 53.327 ug/l

RT: 12.133 min Scan# 1708

Delta R.T. -0.000 min

Lab File: VY023863.D

Acq: 02 Dec 2025 17:20

Instrument :

MSVOA_Y

ClientSampleId :

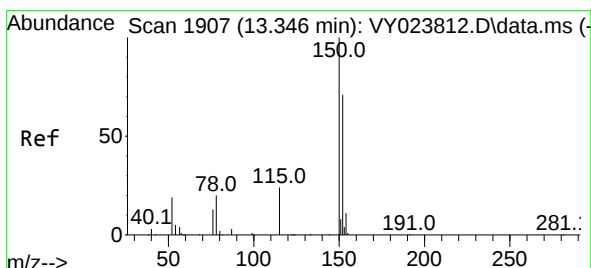
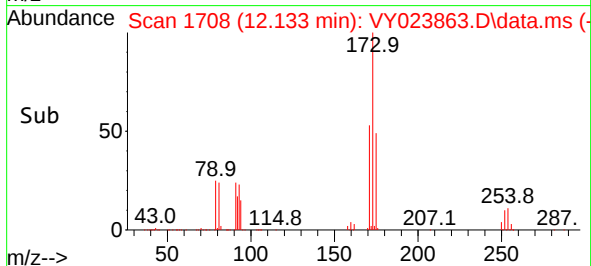
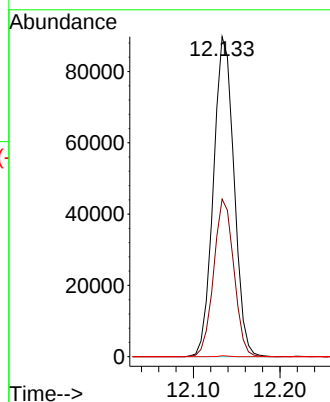
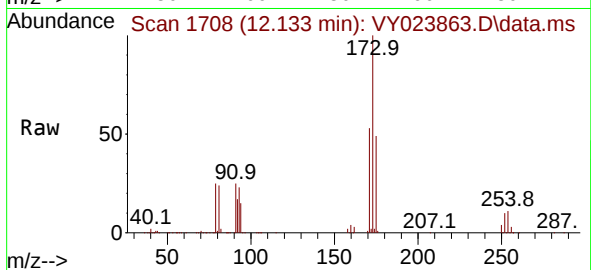
VSTDCCC050EC

Tgt Ion:173	Resp: 14822
Ion Ratio	Lower Upper
173	100
175	48.3 24.4 73.4
254	0.2 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

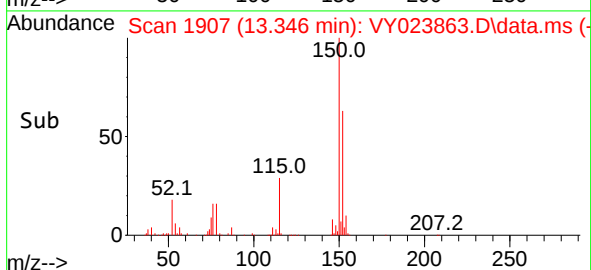
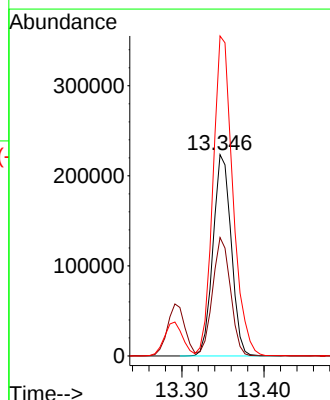
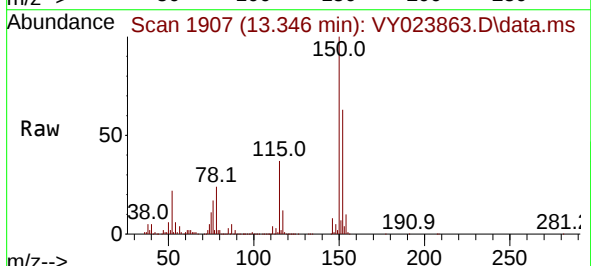
RT: 13.346 min Scan# 1907

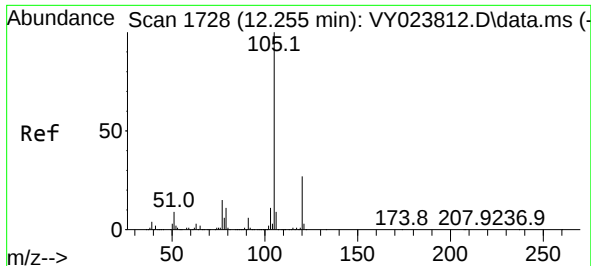
Delta R.T. -0.000 min

Lab File: VY023863.D

Acq: 02 Dec 2025 17:20

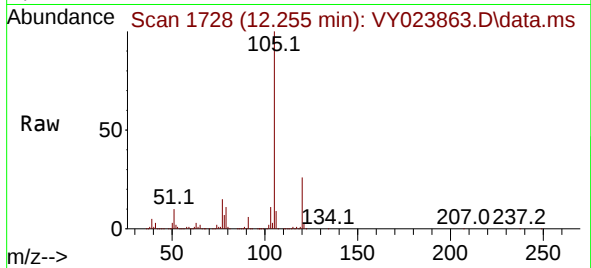
Tgt Ion:152	Resp: 343372
Ion Ratio	Lower Upper
152	100
115	57.8 28.7 86.3
150	173.6 0.0 345.6





#73
Isopropylbenzene
Concen: 50.657 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. -0.000 min
Lab File: VY023863.D
Acq: 02 Dec 2025 17:20

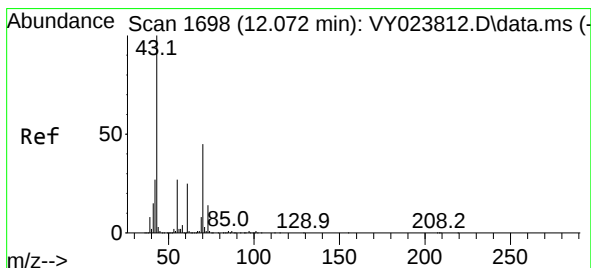
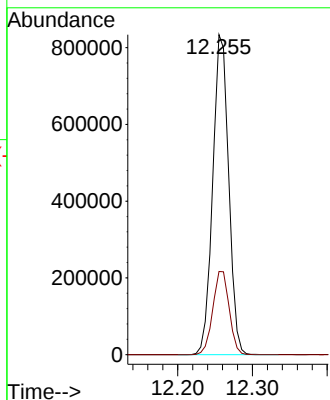
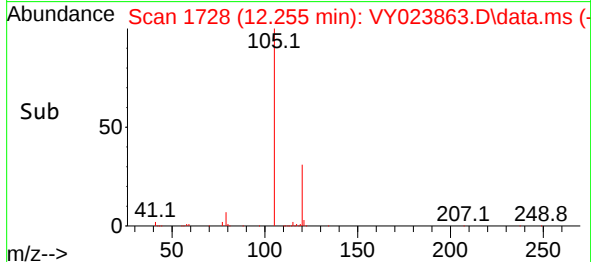
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



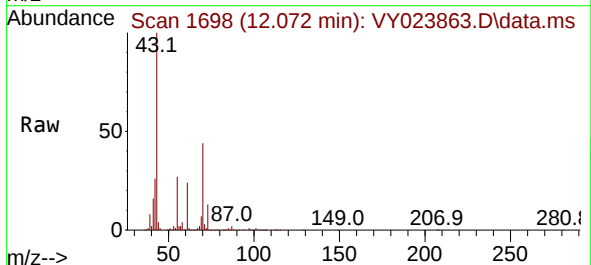
Tgt Ion:105 Resp: 123451
Ion Ratio Lower Upper
105 100
120 26.7 13.3 39.8

Manual Integrations
APPROVED

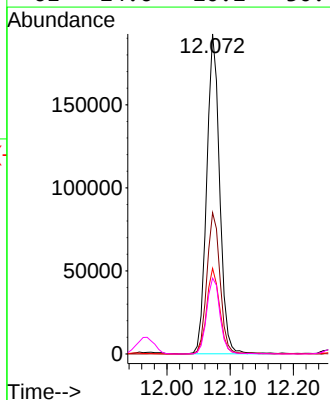
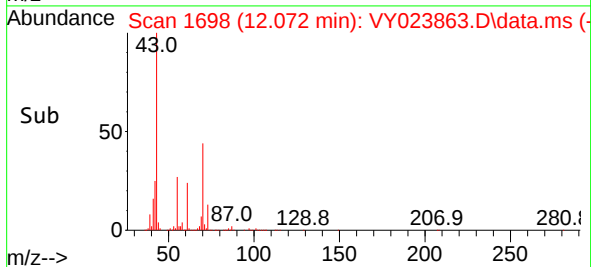
Reviewed By :Semsettin Yesilyurt 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025

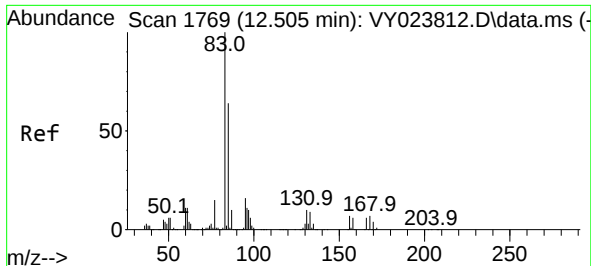


#74
N-ethyl acetate
Concen: 50.296 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VY023863.D
Acq: 02 Dec 2025 17:20



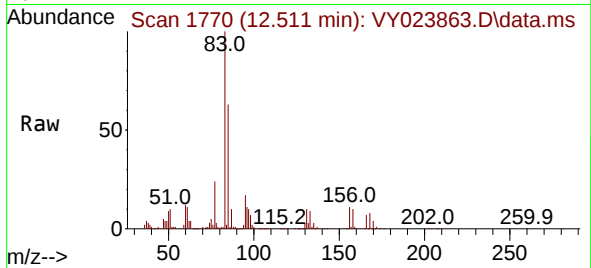
Tgt Ion: 43 Resp: 273839
Ion Ratio Lower Upper
43 100
70 44.7 36.2 54.2
55 27.4 21.8 32.8
61 24.6 20.2 30.4





#75
1,1,2,2-Tetrachloroethane
Concen: 46.585 ug/l
RT: 12.511 min Scan# 1770
Delta R.T. 0.006 min
Lab File: VY023863.D
Acq: 02 Dec 2025 17:20

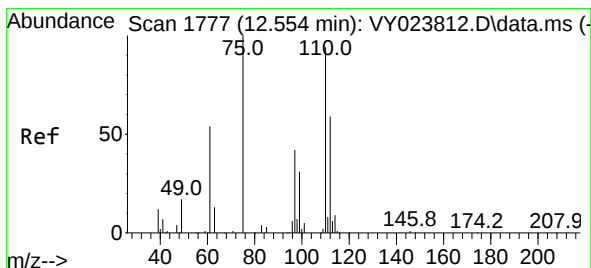
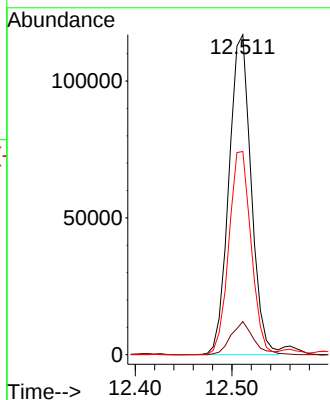
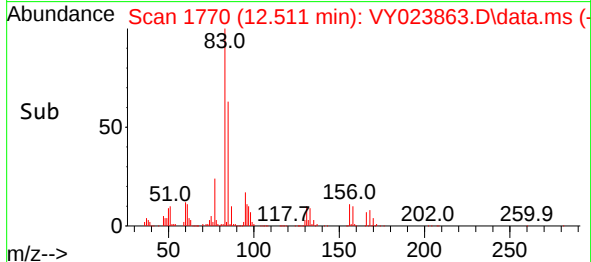
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



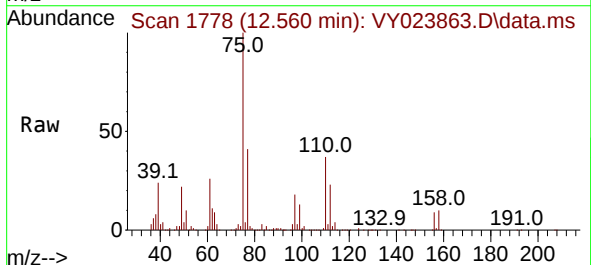
Tgt Ion: 83 Resp: 186910
Ion Ratio Lower Upper
83 100
131 10.5 5.3 15.8
85 63.7 31.9 95.5

Manual Integrations
APPROVED

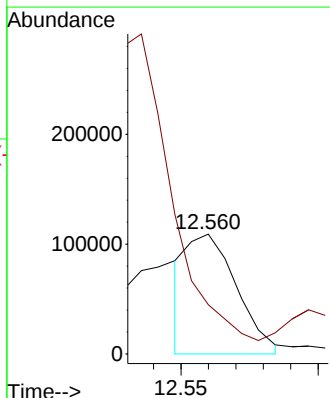
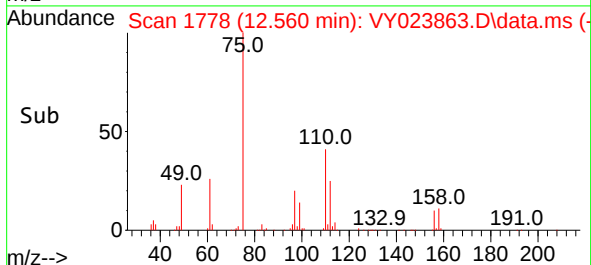
Reviewed By :Semsettin Yesilyurt 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025

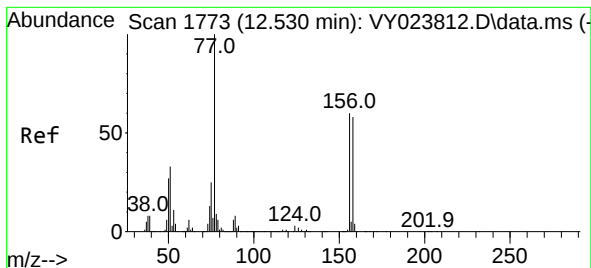


#76
1,2,3-Trichloropropane
Concen: 46.422 ug/l m
RT: 12.560 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VY023863.D
Acq: 02 Dec 2025 17:20



Tgt Ion: 75 Resp: 138617
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.822 ug/l

RT: 12.536 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VY023863.D

Acq: 02 Dec 2025 17:20

Instrument :

MSVOA_Y

ClientSampleId :

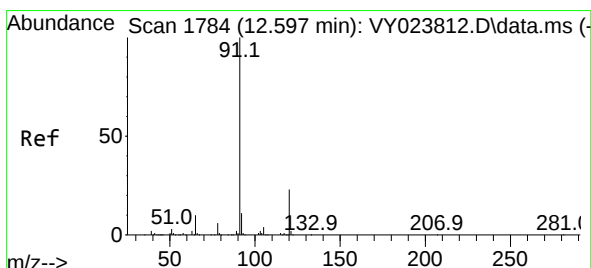
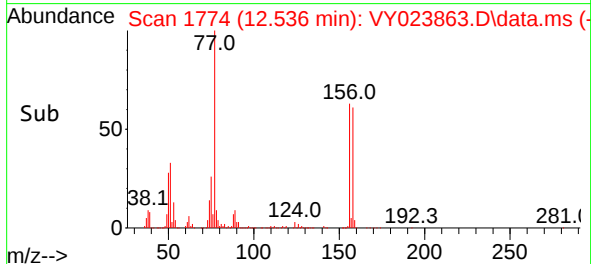
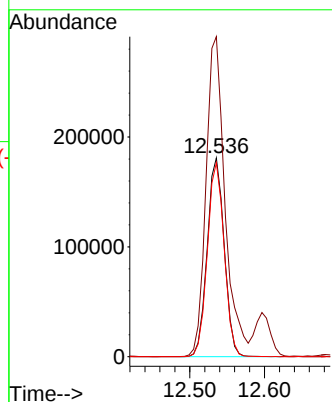
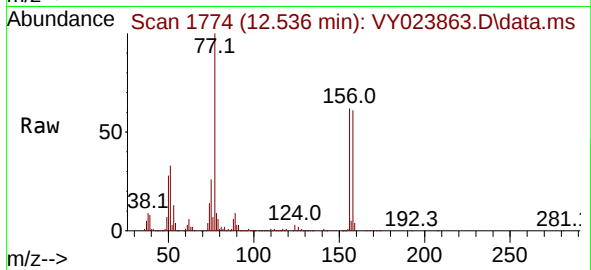
VSTDCCC050EC

Tgt Ion:156 Resp: 285583
 Ion Ratio Lower Upper
 156 100
 77 179.7 90.8 272.3
 158 96.6 48.4 145.3

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 12/03/2025
 Supervised By :Mahesh Dadoda 12/03/2025



#78

n-propylbenzene

Concen: 50.750 ug/l

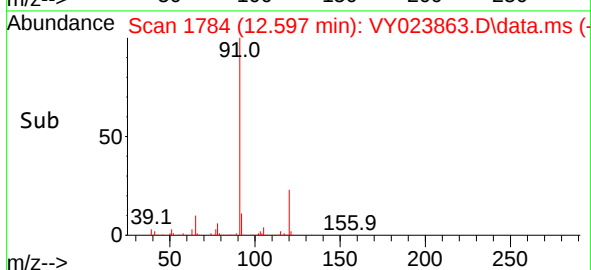
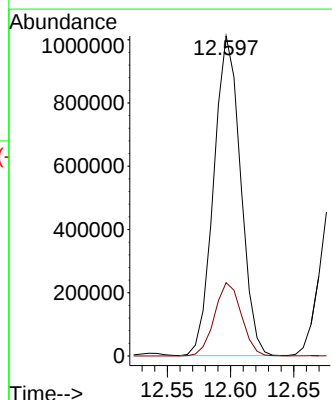
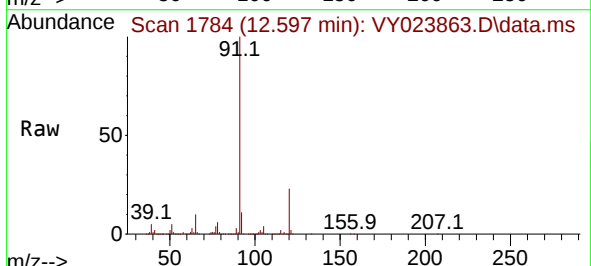
RT: 12.597 min Scan# 1784

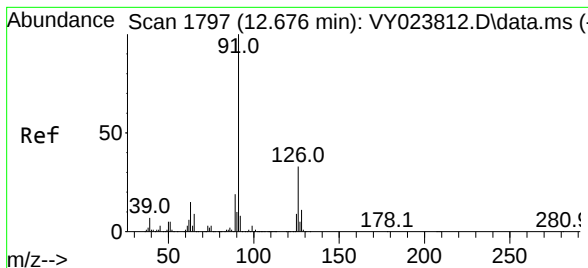
Delta R.T. -0.000 min

Lab File: VY023863.D

Acq: 02 Dec 2025 17:20

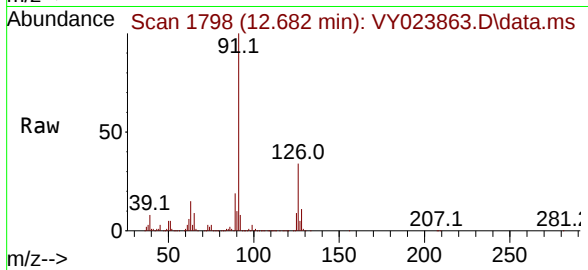
Tgt Ion: 91 Resp: 1489015
 Ion Ratio Lower Upper
 91 100
 120 23.0 11.6 34.8





#79
2-Chlorotoluene
Concen: 49.879 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.006 min
Lab File: VY023863.D
Acq: 02 Dec 2025 17:20

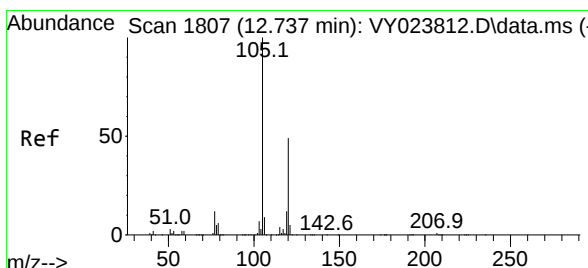
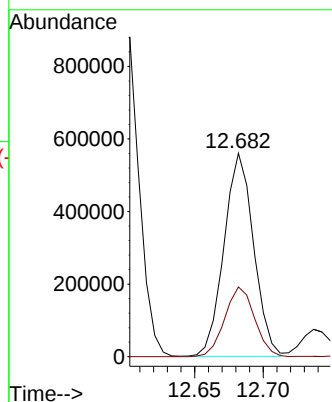
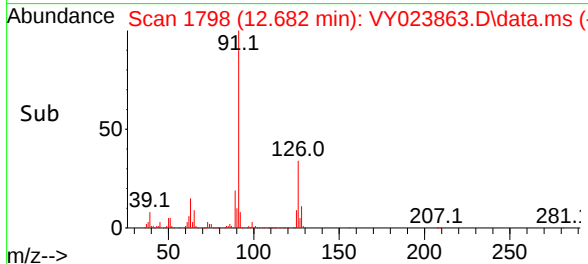
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



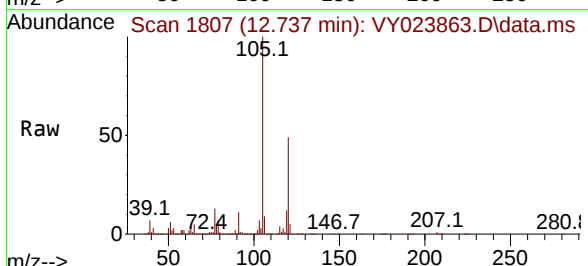
Tgt Ion: 91 Resp: 842278
Ion Ratio Lower Upper
91 100
126 34.7 17.0 50.9

Manual Integrations
APPROVED

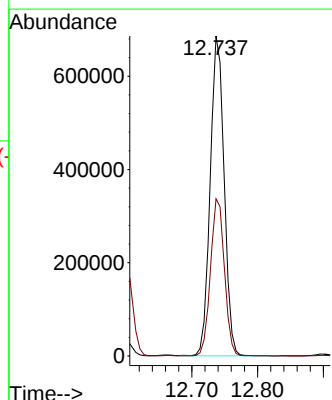
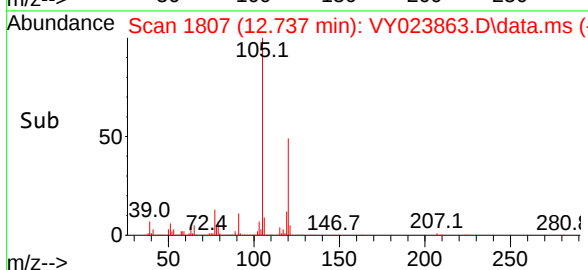
Reviewed By :Semsettin Yesilyurt 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025

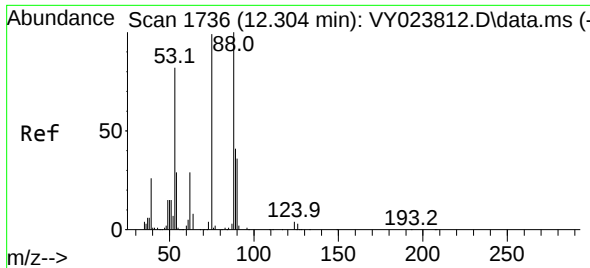


#80
1,3,5-Trimethylbenzene
Concen: 50.783 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY023863.D
Acq: 02 Dec 2025 17:20



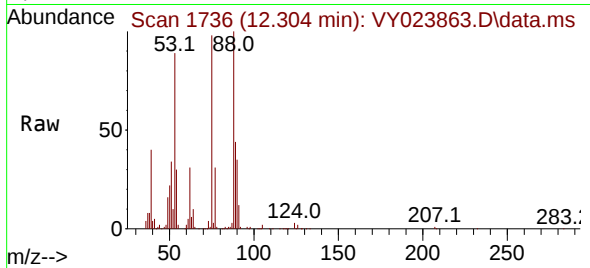
Tgt Ion:105 Resp: 1010292
Ion Ratio Lower Upper
105 100
120 49.3 24.6 73.8





#81
trans-1,4-Dichloro-2-butene
Concen: 49.392 ug/l
RT: 12.304 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY023863.D
Acq: 02 Dec 2025 17:20

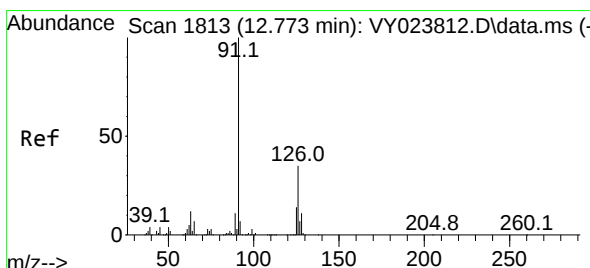
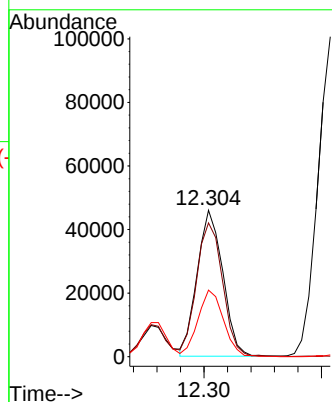
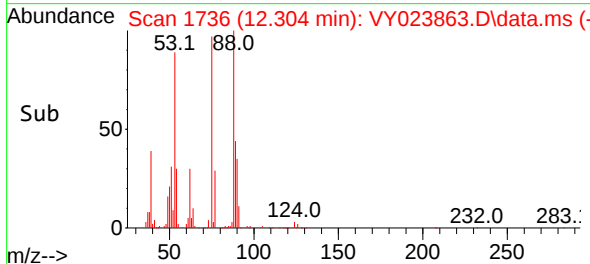
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 69770
Ion Ratio Lower Upper
75 100
53 93.3 71.3 106.9
89 45.6 37.0 55.4

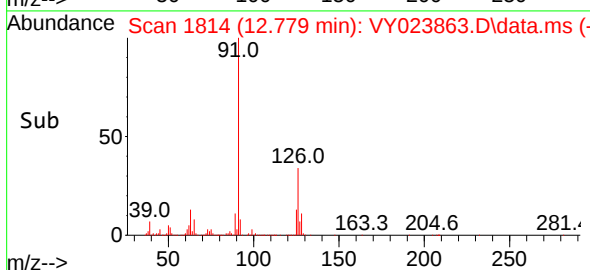
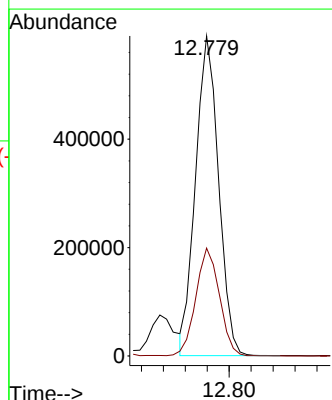
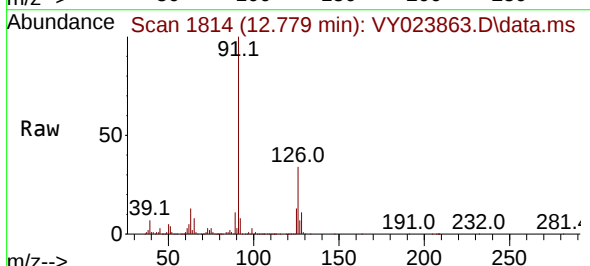
Manual Integrations
APPROVED

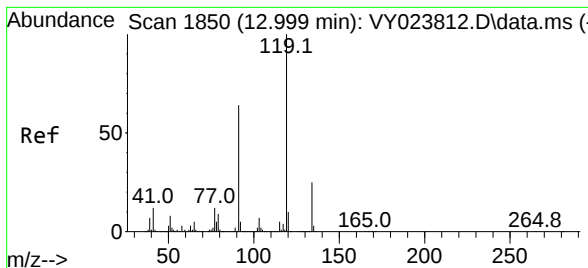
Reviewed By :Semsettin Yesilyurt 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025



#82
4-Chlorotoluene
Concen: 49.612 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY023863.D
Acq: 02 Dec 2025 17:20

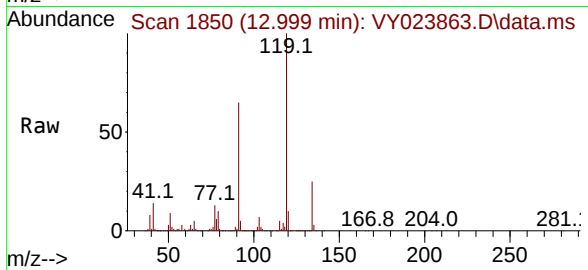
Tgt Ion: 91 Resp: 860383
Ion Ratio Lower Upper
91 100
126 34.8 17.0 50.9





#83
tert-Butylbenzene
Concen: 51.273 ug/l
RT: 12.999 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VY023863.D
Acq: 02 Dec 2025 17:20

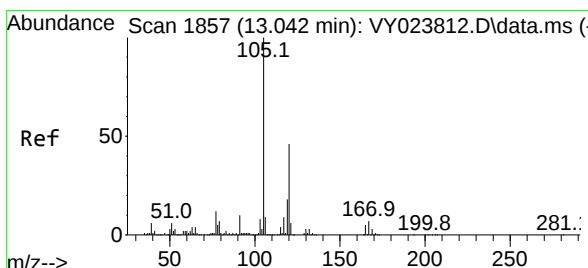
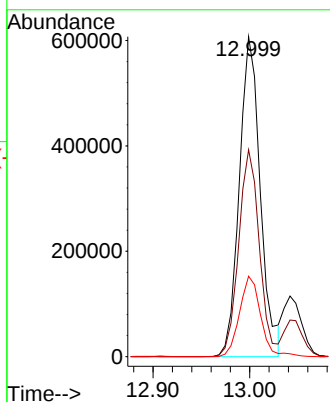
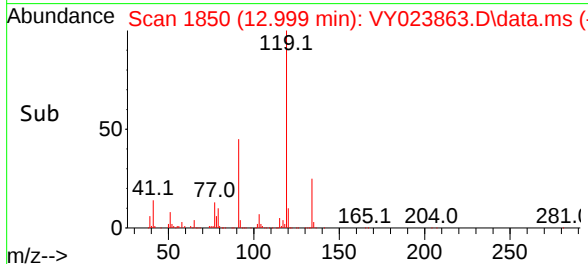
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



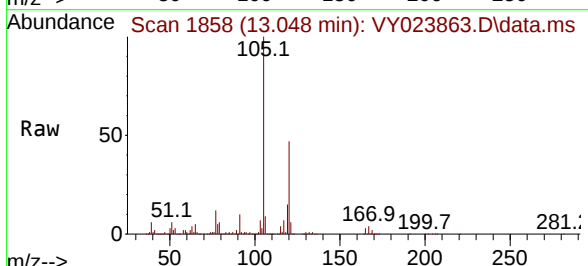
Tgt Ion:119 Resp: 916354
Ion Ratio Lower Upper
119 100
91 63.9 32.0 96.0
134 25.4 12.8 38.4

Manual Integrations
APPROVED

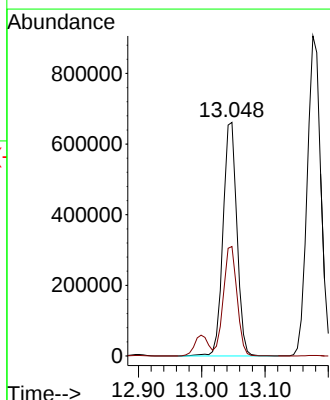
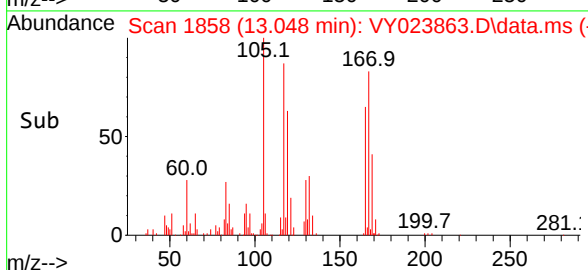
Reviewed By :Semsettin Yesilyurt 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025

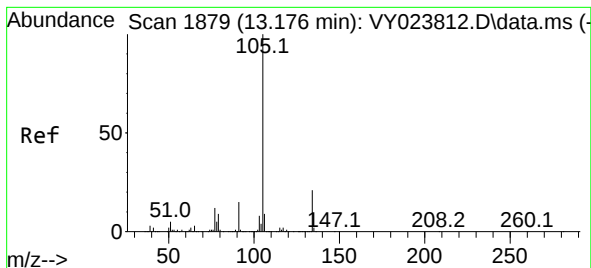


#84
1,2,4-Trimethylbenzene
Concen: 50.459 ug/l
RT: 13.048 min Scan# 1858
Delta R.T. 0.006 min
Lab File: VY023863.D
Acq: 02 Dec 2025 17:20



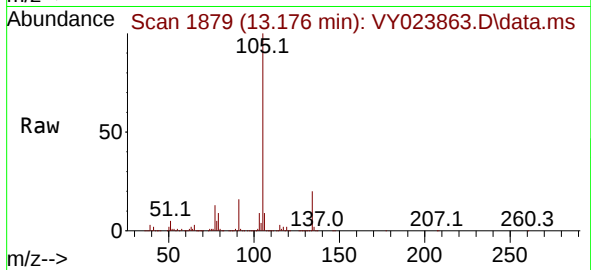
Tgt Ion:105 Resp: 1003229
Ion Ratio Lower Upper
105 100
120 46.1 22.5 67.5





#85
 sec-Butylbenzene
 Concen: 51.078 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. -0.000 min
 Lab File: VY023863.D
 Acq: 02 Dec 2025 17:20

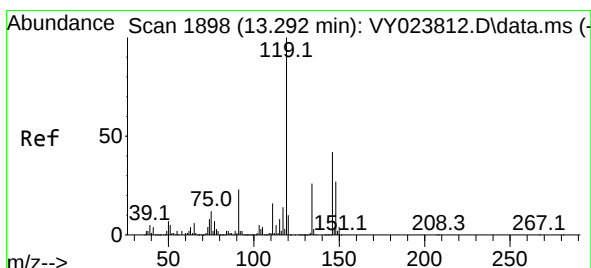
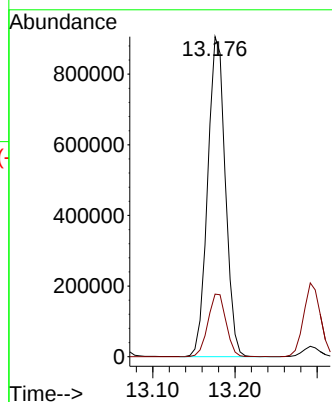
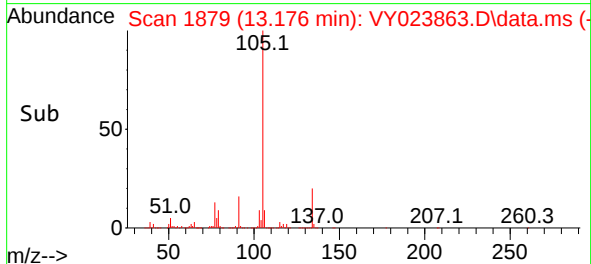
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC



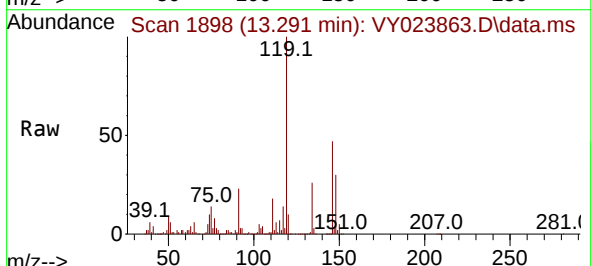
Tgt Ion:105 Resp: 1347520
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.2 30.6

Manual Integrations
 APPROVED

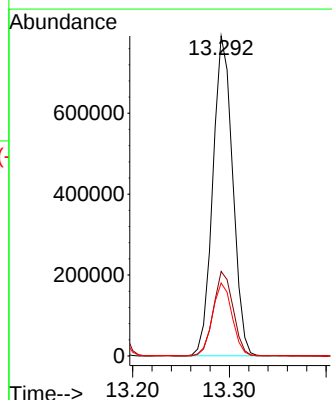
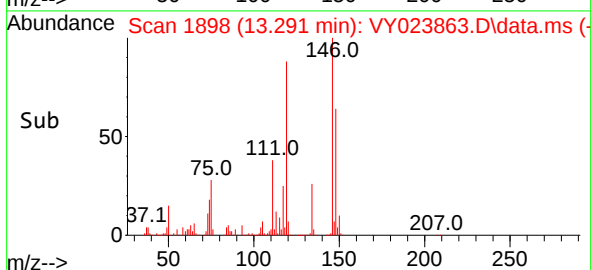
Reviewed By :Semsettin Yesilyurt 12/03/2025
 Supervised By :Mahesh Dadoda 12/03/2025

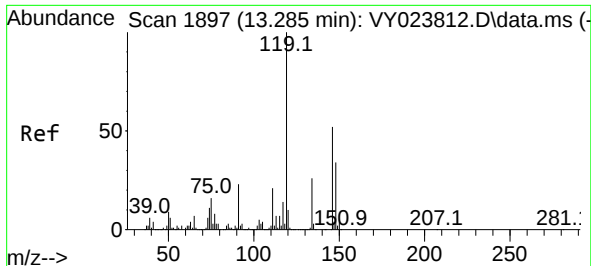


#86
 p-Isopropyltoluene
 Concen: 51.009 ug/l
 RT: 13.291 min Scan# 1898
 Delta R.T. -0.000 min
 Lab File: VY023863.D
 Acq: 02 Dec 2025 17:20



Tgt Ion:119 Resp: 1124806
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.1 39.3
 91 22.6 11.5 34.4





#87

1,3-Dichlorobenzene

Concen: 49.169 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. 0.006 min

Lab File: VY023863.D

Acq: 02 Dec 2025 17:20

Instrument :

MSVOA_Y

ClientSampleId :

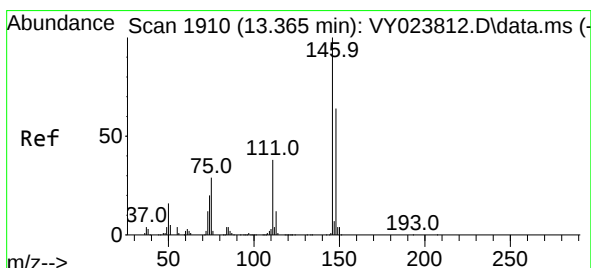
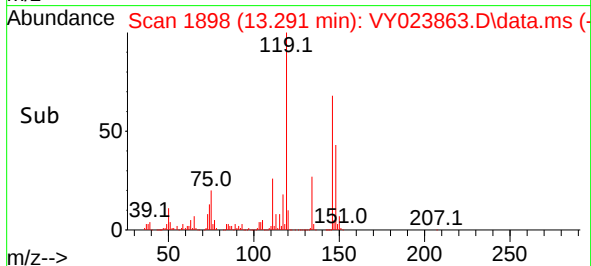
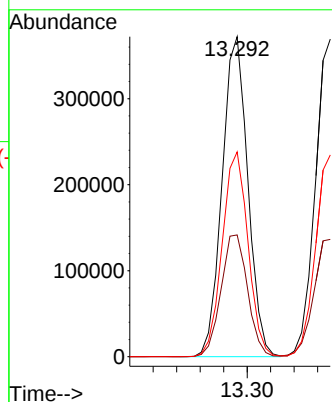
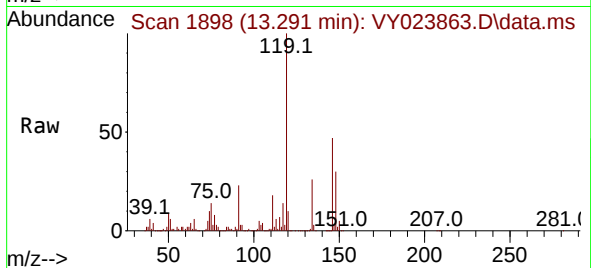
VSTDCCC050EC

Tgt Ion:146	Resp: 56485
Ion Ratio	Lower Upper
146 100	
111 39.4	20.0 60.0
148 64.3	32.0 96.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025



#88

1,4-Dichlorobenzene

Concen: 48.608 ug/l

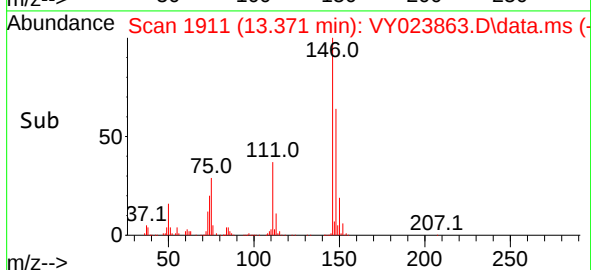
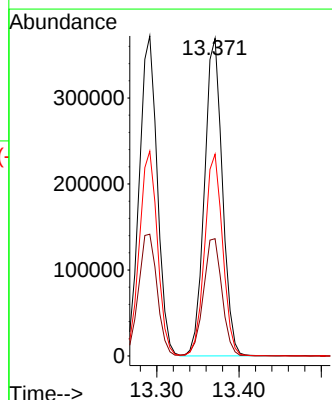
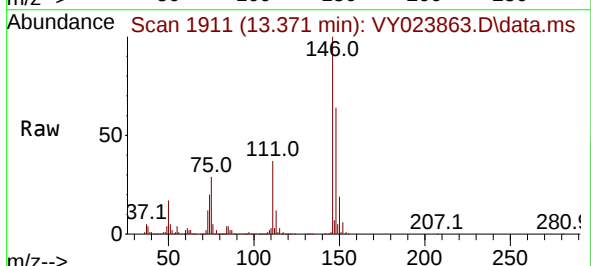
RT: 13.371 min Scan# 1911

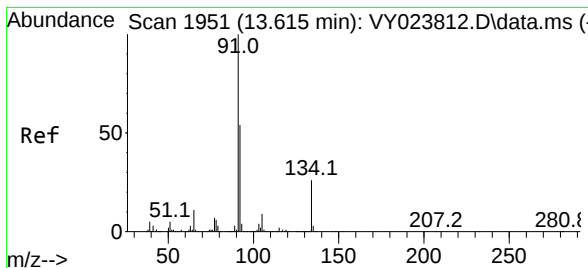
Delta R.T. 0.006 min

Lab File: VY023863.D

Acq: 02 Dec 2025 17:20

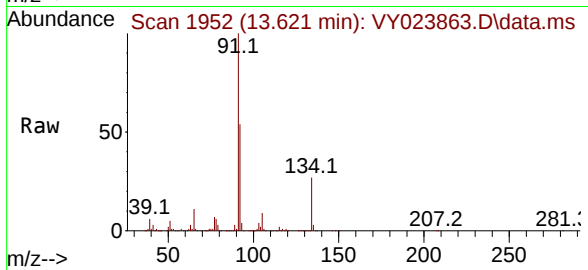
Tgt Ion:146	Resp: 557385
Ion Ratio	Lower Upper
146 100	
111 38.5	19.4 58.2
148 64.0	32.0 96.0





#89
n-Butylbenzene
Concen: 50.857 ug/l
RT: 13.621 min Scan# 1952
Delta R.T. 0.006 min
Lab File: VY023863.D
Acq: 02 Dec 2025 17:20

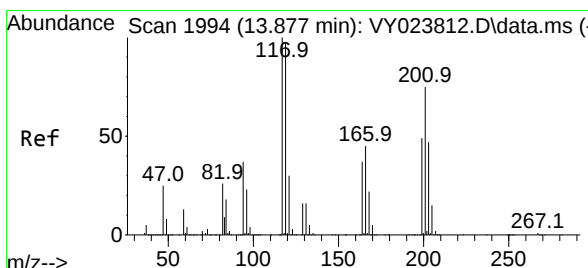
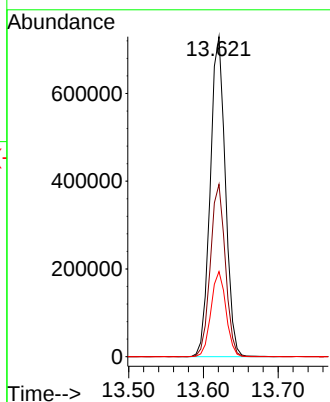
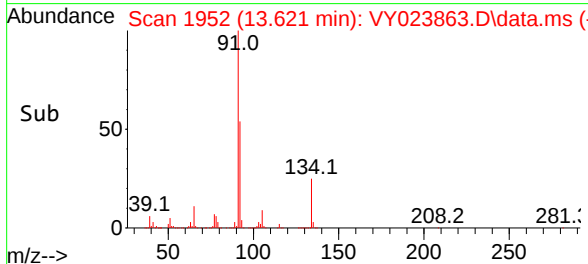
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 102828
Ion Ratio Lower Upper
91 100
92 53.4 26.8 80.3
134 26.3 13.0 39.0

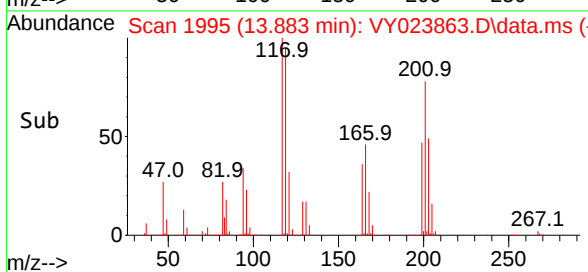
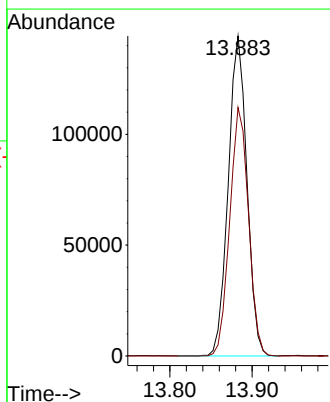
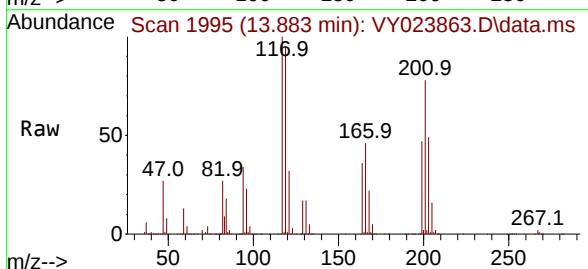
Manual Integrations
APPROVED

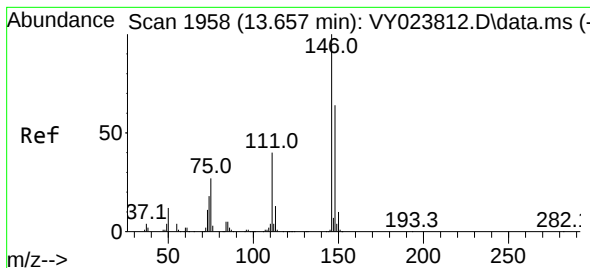
Reviewed By :Semsettin Yesilyurt 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025



#90
Hexachloroethane
Concen: 49.352 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. 0.006 min
Lab File: VY023863.D
Acq: 02 Dec 2025 17:20

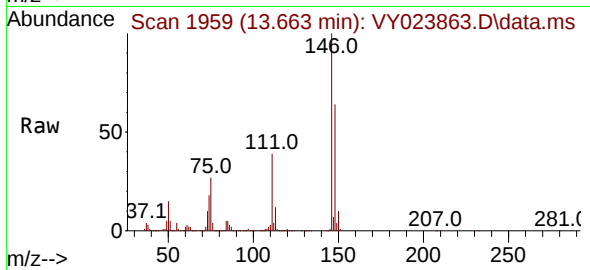
Tgt Ion:117 Resp: 228647
Ion Ratio Lower Upper
117 100
201 77.9 38.6 115.8





#91
1,2-Dichlorobenzene
Concen: 50.303 ug/l
RT: 13.663 min Scan# 1958
Delta R.T. 0.006 min
Lab File: VY023863.D
Acq: 02 Dec 2025 17:20

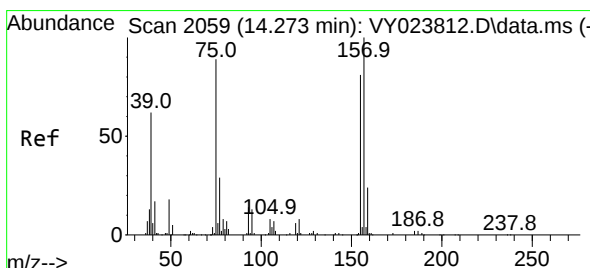
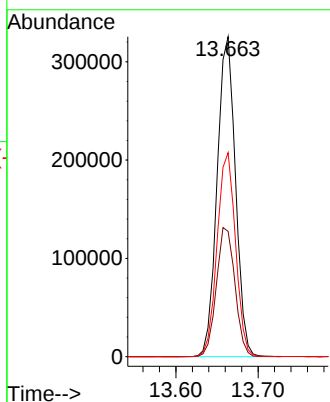
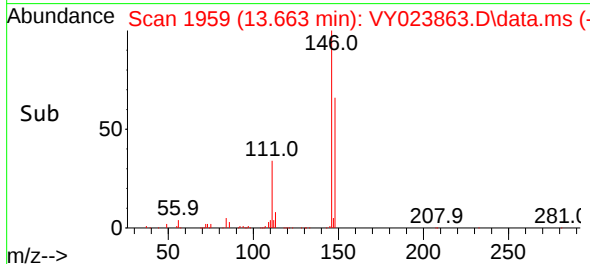
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



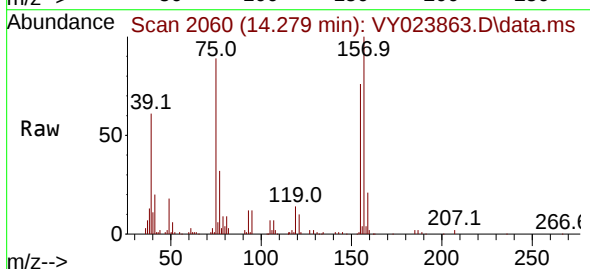
Tgt Ion:146 Resp: 50534
Ion Ratio Lower Upper
146 100
111 40.9 20.5 61.5
148 64.0 32.1 96.5

Manual Integrations
APPROVED

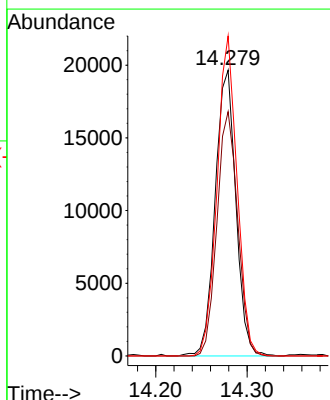
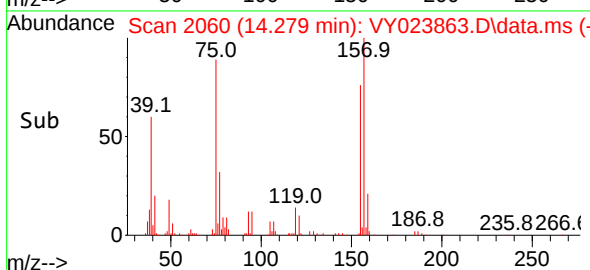
Reviewed By :Semsettin Yesilyurt 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025

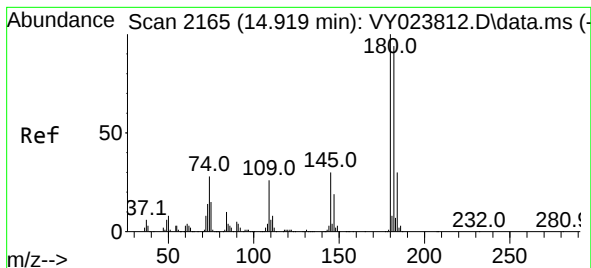


#92
1,2-Dibromo-3-Chloropropane
Concen: 45.991 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. 0.006 min
Lab File: VY023863.D
Acq: 02 Dec 2025 17:20



Tgt Ion: 75 Resp: 30887
Ion Ratio Lower Upper
75 100
155 85.6 44.0 132.1
157 108.4 54.6 163.8





#93

1,2,4-Trichlorobenzene

Concen: 48.787 ug/l

RT: 14.925 min Scan# 2166

Delta R.T. 0.006 min

Lab File: VY023863.D

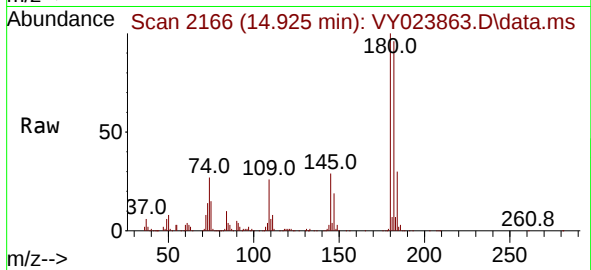
Acq: 02 Dec 2025 17:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC



Tgt Ion:180 Resp: 292218

Ion Ratio Lower Upper

180 100

182 93.8 47.2 141.6

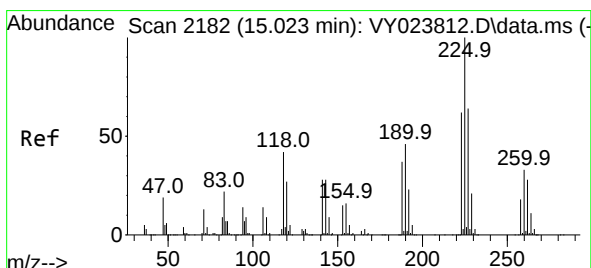
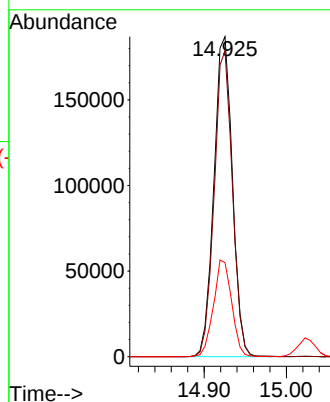
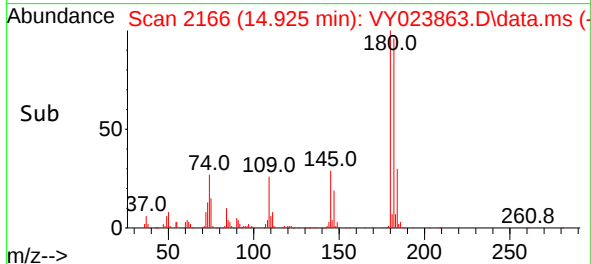
145 29.7 15.4 46.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/03/2025

Supervised By :Mahesh Dadoda 12/03/2025



#94

Hexachlorobutadiene

Concen: 47.878 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. 0.006 min

Lab File: VY023863.D

Acq: 02 Dec 2025 17:20

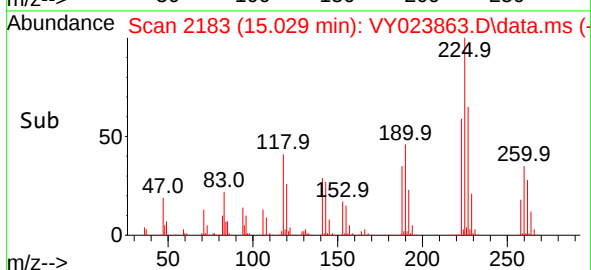
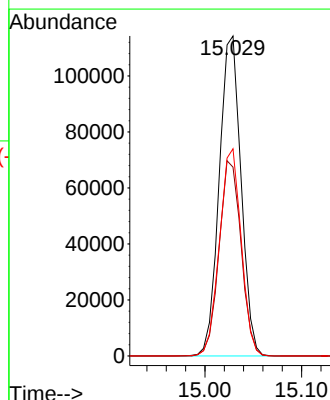
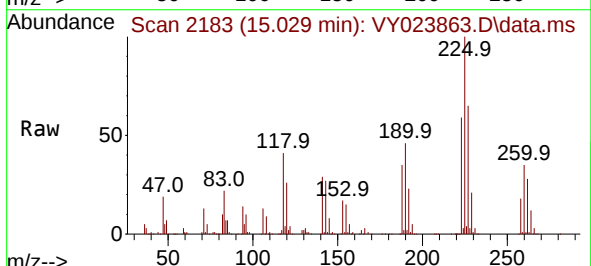
Tgt Ion:225 Resp: 178594

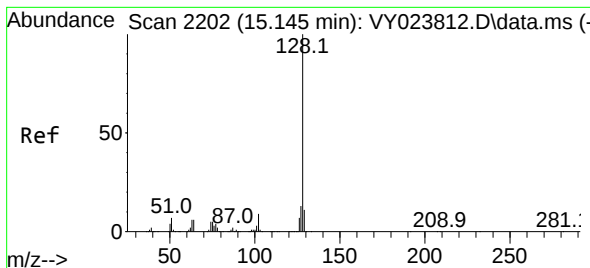
Ion Ratio Lower Upper

225 100

223 61.7 31.9 95.9

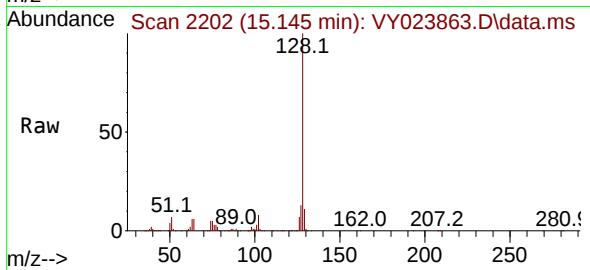
227 64.6 32.8 98.3





#95
Naphthalene
Concen: 49.140 ug/l
RT: 15.145 min Scan# 2202
Delta R.T. -0.000 min
Lab File: VY023863.D
Acq: 02 Dec 2025 17:20

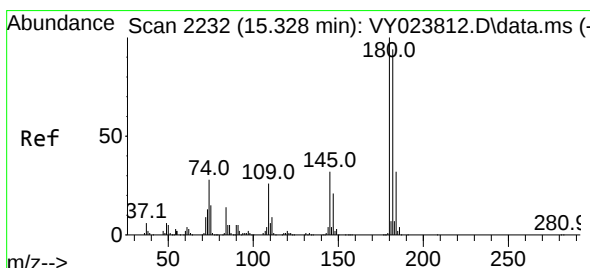
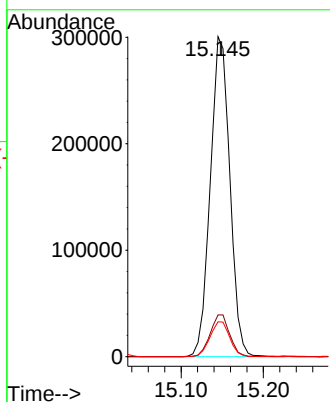
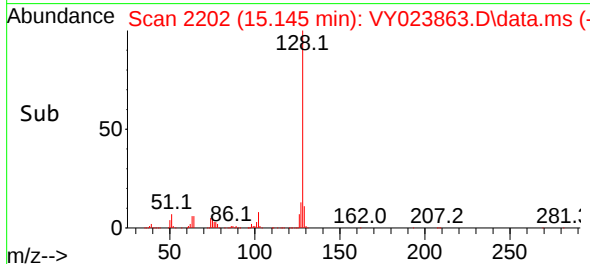
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



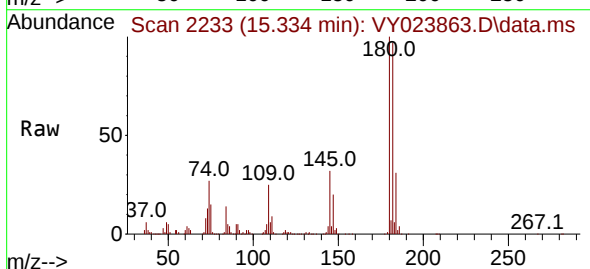
Tgt Ion:128 Resp: 496390
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.2
129 11.1 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025



#96
1,2,3-Trichlorobenzene
Concen: 48.655 ug/l
RT: 15.334 min Scan# 2233
Delta R.T. 0.006 min
Lab File: VY023863.D
Acq: 02 Dec 2025 17:20



Tgt Ion:180 Resp: 248200
Ion Ratio Lower Upper
180 100
182 95.7 48.0 144.2
145 32.3 16.5 49.5

